DISTRIBUTED BY

SULLIVAN HARDWARE CO.

Telephone (803) 224-0211

ANDERSON, SOUTH CAROLINA 29622

CATALOG No. I-110

FOR INDUSTRY AND CONSTRUCTION

SKIL QUALITY

For 45 years, integrity of product has been the bench mark of SKIL. This company is firmly committed to maintain and to enhance the reputation it has earned for the highest standard of excellence in the design, manufacture and testing of every product bearing its valued trademark.

YOUR SKIL DISTRIBUTOR BACKS YOU . . . WE BACK HIM

LOOKING AHEAD
Your local SKIL distributor helps you anticipate your needs. Through regular and frequent sales calls he helps you meet production and maintenance emergencies.

LOWER COSTS
An easily accessible local source cuts delivery time and transportation costs. You have a nearby supply of tools and accessories while freeing your own capital and space for other uses.

QUALITY AND DEPENDABILITY
Your distributor puts his own reputation on the line in every sales or service contact. SKIL distributors maintain their excellent reputations by providing top quality supplies and the most dependable service.

ONE SOURCE
By stocking a complete assortment of products and supplies, a distributor simplifies your purchasing procedures. You have one source for all your production and plant maintenance needs.

TECHNICAL KNOW-HOW
SKIL distributors are in the business of knowing your specific needs. They couple knowledge of your industry with up-to-date new product information to help you move ahead in your business.

TEAM EFFORT
Your local industrial distributor and SKIL form a team to provide you with the finest tools and accessories in the most dependable and economical manner. Our efforts are geared to keeping your business profitable.

SKIL tool and accessory numbers meet National Industrial Distributors Association and Southern Industrial Distributors Association standard numbering system requirements. SKIL's manufacturing code assigned by NIDA-SIDA is 5794. Over 98% of all model and part numbers in this catalog consist of five or less numerical digits for easy use in Electronic Data Processing systems. When setting up an EDP system, simply convert all SKIL two, three and four digit model and part numbers to five digits by adding the required zeros to the front of the existing number. Vibrators and some chain saw accessories are the only exceptions to this system.

SKIL CORPORATION
Active Member in . . . ASMMA
American Supply & Machinery Manufacturing Association

ptiPower Tool Institute

All SKIL Power Tools shown in this catalog bearing insignia of Underwriters' Laboratories or Canadian Standards Association are listed by these agencies for industrial use.

SKIL GUARANTEE

SKIL Electric and Air Tools are designed to the highest standards of excellence. Precise modern manufacturing techniques together with the use of the best materials available result in products that are rugged, comfortable to hold and assure trouble free service. Every SKIL tool has been carefully inspected at various stages of its manufacture and is guaranteed against defects caused by faulty material or workmanship.

Our obligation assumed under this guarantee is limited to the replacement of parts, which by our examination are proven to be defective and which have not been misused, carelessly handled, or defaced by repairs made or attempted by others. The complete tool must be returned to the nearest SKIL Factory Service Center or to an authorized Service Station with transportation charges prepaid. No other guarantee of our products, written or verbal, is authorized by us.

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Product specifications shown subject to change without notice.

SUPER BURNOUT PROTECTED MOTORS

The "muscle" in each SKIL power tool is the famous **Super Burnout Protected Motor** pioneered by SKIL research. Winding insulation is selected to resist heavy overloads. Armatures and Fields are impregnated with polyester resins to resist damage from vibration, heat and moisture. Coil wires are welded to commutator bars. SKIL Super Burnout Protected Motors have the stamina for your toughest jobs.

UNIVERSAL MOTORS — SPEED CONTROL SWITCHES

All electric tools shown in this catalog, except bench grinders, have universal motors for operation on DC or AC 25-60 Hz. (formerly cycles).

Bench grinders are supplied for single or three phase, 50-60 Hz., single, dual or triple voltage as listed.

Speed control tools are for use on alternating current only at 50-60 Hz. All tools will be supplied in 115 volts, unless otherwise specified. Many tools are available, however, in 220 volts at 10% extra cost. Contact your SKIL representative or the SKIL factory for delivery information.

DOUBLE INSULATION

SKIL Corporation has for years manufactured Double Insulated tools. A number of such tools are shown in this catalog. A double insulated tool is one in which there is built two distinct and independent insulating systems, separating, with approved dielectric materials, any and all live components from the external parts such as the housing and handle. These tools are equipped with two blade plugs that fit all standard receptacles and can be used where grounding is inconvenient. They are rugged in design, equally comfortable to hold and built to SKIL's recognized standard of durability.

All other tools with universal motors have three wire conductor cords and three blade grounding type plugs listed by Underwriters' Laboratories, Inc., which fit three wire grounding receptacles required by the National Electric Code. For safe operation, all tools with three conductor plugs must be properly grounded at all times.

EXTENSION CORDS

In selecting an extension cord for your electric tool, be sure to use one of sufficient size to carry current drawn. An undersized extension cord will cause a drop in line voltage, resulting in power loss and overheating. Following table shows correct size cord, depending upon its length and tool nameplate ampere rating. This table is based on limiting line voltage drop to 5 volts (10 volts for 220 volts) at 150% of rated amperes.

Nameplate Ampere Rating	Length of Cord in Feet								
115 V	25 Ft.	50 Ft.	100 Ft.	150 Ft.	200 Ft.	250 Ft.	300 Ft.	400 Ft.	500 Ft.
230 V	50 Ft.	100 Ft.	200 Ft.	300 Ft.	400 Ft.	500 Ft.	600 Ft.	800 Ft.	1000 Ft.
0-2	18	18	18	16	16	14	14	12	12
2-3	18	18	16	14	14	12	12	10	10
3-4	18	18	16	14	12	12	10	10	8
4-5	18	18	14	12	12	10	10	8	8
5-6	18	16	14	12	10	10	8	8	6
6-8	18	16	12	10	10	8	6	6	6
8-10	18	14	12	10	8	8	6	6	4
10-12	16	14	10	8	8	6	6	4	4
12-14	16	12	10	8	6	6	6	4	2
14-16	16	12	10	8	6	6	4	4	2
16-18	14	12	8	8	6	4	4	2	2
18-20	14	12	8	6	6	4	4	2	2

SKIL LUBRICANTS

Always use genuine SKIL Lubricants to insure long tool life. Refer to the Instruction Manual packed with each tool for complete lubricating information.

LUBRICANT SELECTION CHART

For Following Electric and Gasoline Powered Tools

category	models	part/item code no.
DRILLS	All	252 5⅜ oz. tube 251 2 lb. can
DRIVERS	All—gear case only	252 5⅜ oz. tube 251 2 lb. can
	All—clutch mechanism only	73214 5⅜ oz. tube
GRINDERS, Disc	952, 953, 954	25667 5⅜ oz. tube
GRINDERS, Portable	959, 960	252 5⅜ oz. tube 251 2 lb. can
HAMMER-DRILLS	219, 624—gear case and hammering mechanism	252 5⅜ oz. tube 251 2 lb. can
	446—gear case and hammering mechanism	68779 5⅜ oz. tube
	446, 624—oil impregnated bearing	20525 pint 23144 ½ gal.
HAMMERS—ROTO & DEMO	628, 726, 728, 729, 736, 737, —gear case only	252 5⅜ oz. tube 251 2 lb. can
	—cylinder & piston	20525 pint 23144 ½ gal.
	706, 1706	25667 5⅜ oz. tube
POLISHERS	570, 470	252 5⅜ oz. tube 251 2 lb. can
	1145, 1146	25667 5⅜ oz. tube
SANDERS, Belt	323, 324, 448, 449, 505—gear case only	249 5⅜ oz. tube 264 pint 267 ½ gal.
	—chain case only	252 5⅜ oz. tube 251 2 lb. can
	805, 455, 400, 405	252 5⅜ oz. tube 251 2 lb. can
SANDERS, Disc	551, 495	252 5⅜ oz. tube 251 2 lb. can
	852, 853, 854, 1140, 1142	25667 5⅜ oz. tube
SAWS, Chain—Electric	—gear case only	252 5⅜ oz. tube 251 2 lb. can
	—chain oiler	72781 pint 72782 ½ gal.
SAWS, Chain—Gasoline	—engine and chain oiler	72781 pint 72782 ½ gal.
SAWS, Circular	856, 857, 858, 860, 552, 553, 554	252 5⅜ oz. tube 251 2 lb. can
	77 Type 3 up and 107, 117, 127, 367, 825	249 5⅜ oz. tube 264 pint 267 ½ gal. can
SAWS, Jig SAWS, Recipro	All	252 5⅜ oz. tube 251 2 lb. can
WRENCHES	471	252 5⅜ oz. tube 251 2 lb. can
	823	25667 5⅜ oz. tube

Weights indicated above are net content

(For Air Tools See Pages 53 and 55)

SKIL EXTENSION CORDS WITH CONNECTORS

These are 3 conductor flexible stranded copper, rubber covered with approved 3 prong grounding connectors, built for long life even under severe outdoor service.

part/item code no.	length, ft.	gauge
16216	50	16
22401	100	16
16218	50	14
16150	50	12

CONNECTORS ONLY

part/item code no.	description	for cord size up to
16153	Male, heavy duty with cord clamp	12 gauge
16154	Female, heavy duty with cord clamp	12 gauge
13722	Adaptor with pigtail for grounding. Adapts 3-prong grounding plug for insertion into 2 cavity receptacle	

SKIL ROTO-HAMMERS

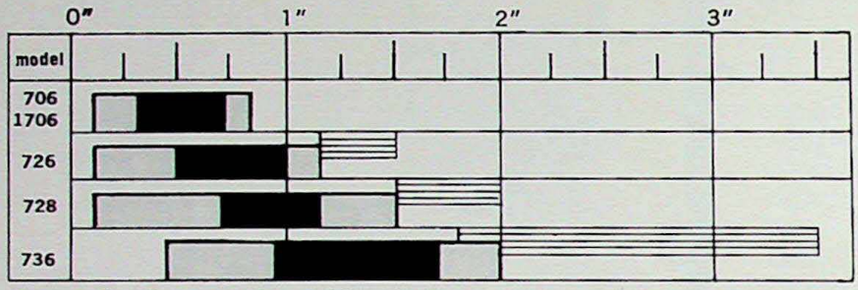
MOST COMPLETE LINE AVAILABLE

OFFERS MOST EFFICIENT OPERATION FOR DRILLING WIDE RANGE OF HOLE SIZES AT "LOWEST COST PER HOLE"

SKIL ROTO-HAMMER SELECTION GUIDE

Use to select SKIL Roto-Hammer for fastest drilling in masonry consistent with longest bit life.

MASONRY BIT SIZES



For smaller diameter holes of fairly shallow depth, or for drilling great numbers of small holes, Skil Hammer-Drills may be preferred because of their light weight and extreme compactness. See Page 7.

KEY

TOTAL CAPACITY WITH PERCUSSION CARBIDE BITS

For intermittent operation — Job can be within "total capacity" shown. This gives widest range of hole sizes with a single model.

MOST EFFICIENT CAPACITY WITH PERCUSSION CARBIDE BITS

For heavy-duty continuous use on holes of same or similar diameter — "most efficient capacity" range shown provides fastest drilling with longest bit life.

CAPACITY WITH CORE BITS

Skil core bits extend range to large diameter holes.

CHECK THESE FEATURES

SUPER BURNOUT PROTECTED MOTOR

- Welded commutator leads with special heat resistant insulation throughout

ADJUSTABLE CLUTCH

- Absorbs shock to minimize chance of operator injury if bit binds
- Reduces wear on gear train and motor
- Adds life to carbide bits
- External adjustment fast and easy

TWO STAINLESS STEEL STRIKER RINGS

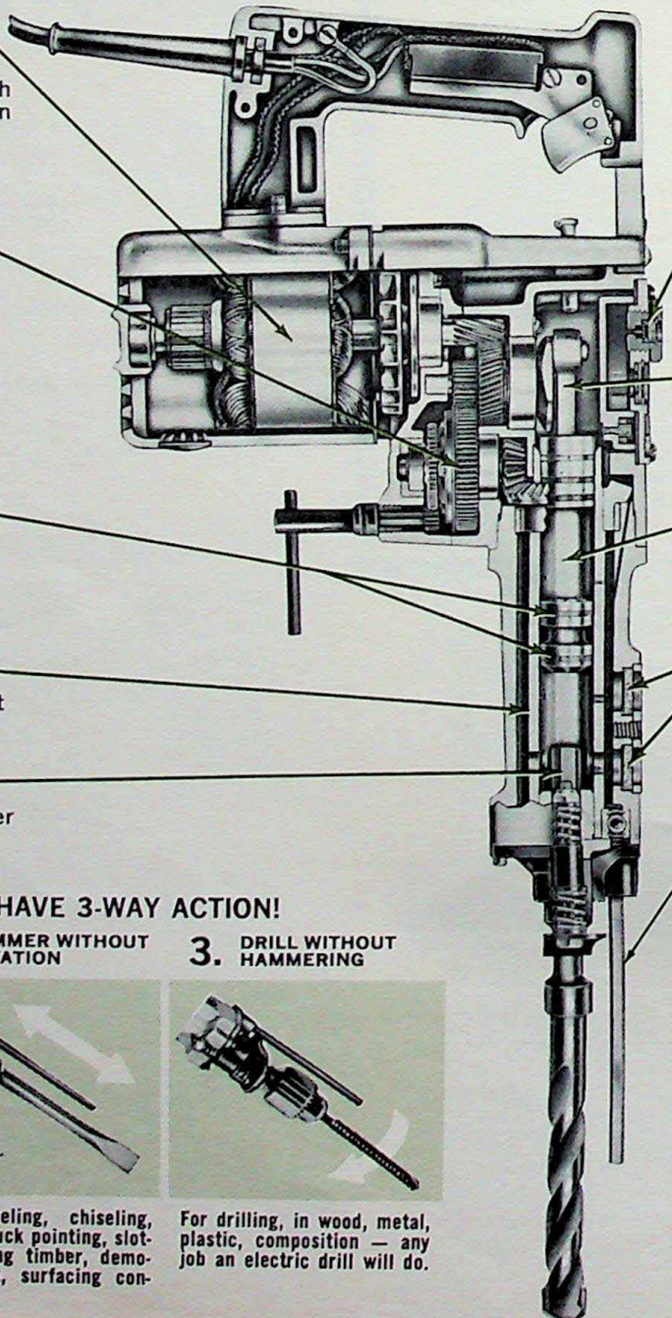
- Longest ring life
- Maintains air seal for tool efficiency

ALLOY STEEL INNER BARREL

- Precision ground, wear resistant for long service

OVER SIZE BIT SHANK

- Larger cross section for longer bit life



AUTOMATIC OILER

- Continuous lubrication for reduced maintenance
- Holds generous supply of oil in reserve
- Window for easy oil level check

REACTION DAMPENED SYSTEM

- Entire impact generating mechanism designed to absorb tool reaction for no "kick-back"

AIR CUSHION

- Pneumatic action makes this the smoothest running hammer for operator comfort

AIR FILTERS

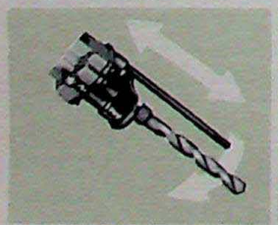
- Protect internal parts from abrasive dust
- Readily cleaned

DEPTH GAUGE

- Easily adjustable for drilling holes of uniform depth

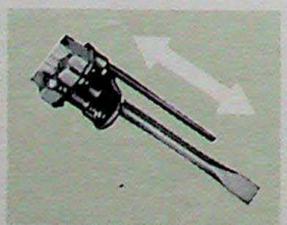
ALL SKIL ROTO-HAMMERS HAVE 3-WAY ACTION!

1. HAMMER WITH POWER ROTATION



For making holes in masonry fast at "lowest cost per hole."

2. HAMMER WITHOUT ROTATION



For channeling, chiseling, chipping, tuck pointing, slotting, routing timber, demolition work, surfacing concrete.

3. DRILL WITHOUT HAMMERING

For drilling, in wood, metal, plastic, composition — any job an electric drill will do.

PLUS . . .

SPECIAL CHISEL LOCK

- Prevent rotation of hammering tools

DUST SHIELD

- Protects internal parts from concrete dust, dirt and foreign matter

HIGH STRENGTH, ALUMINUM ALLOY HOUSINGS

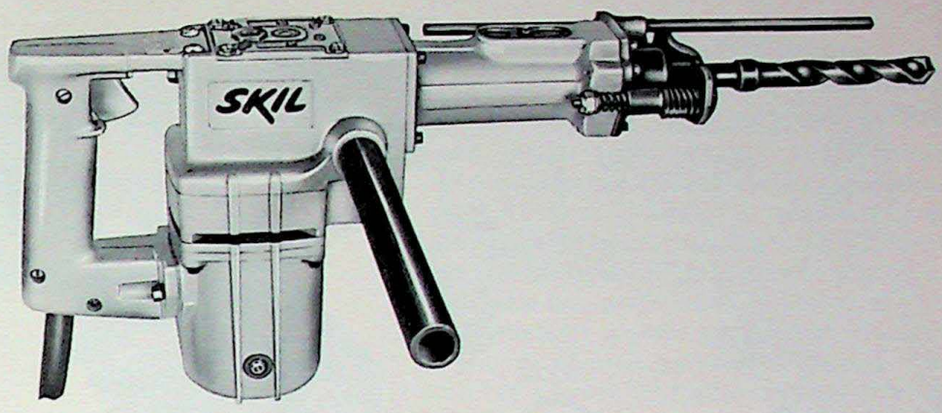
- Light weight yet strong

SKIL ROTO-HAMMERS

BUILT FOR MAXIMUM POWER, LONGEST HAMMER LIFE AND LOWEST MAINTENANCE COST

Skil revolutionized masonry drilling with the introduction of the Roto-Hammer. Since then more Skil Roto-Hammers have been sold than any other brand.

Skil Roto-Hammers provide the fastest, lowest cost way to drill, chisel or demolish masonry. Excellent for drilling all size holes to set expansion shields and anchors. Can chisel, cut channels; remove scale or welding spatter; dig in frozen earth; clean out old mortar before tuck pointing. Skil Roto-Hammers have the power to use larger diameter core bits—even in reinforced concrete.



MODEL 728

- Drilling capacity: 3/16" to 1 1/2" diameter
- Core bit capacity: 2" diameter
- Heavy-duty spring mounted tool retainer
- Handles extra-long bits for deep hole drilling
- Hits harder for fast drilling especially with larger diameter bits

MODEL 726

- Drilling capacity: 3/16" to 1 1/4" diameter
- Core bit capacity: 1 1/2" diameter
- Swing-away tool retainer
- Light in weight, easy to use on overhead work
- Best for all around drilling. Gives longest bit life when drilling smaller diameter holes

MODEL 736

- Drilling capacity: 1/2" to 2" diameter
- Core bit capacity: 3 1/2" diameter
- Best for drilling larger diameter holes and extra deep holes
- Most powerful tool in its class

All Roto-Hammers include strong steel carrying-storage case.

SPECIFICATIONS

switches: heavy-duty enclosed double pole trigger type.

bearings: 726: 6 ball; 7 oil impregnated.
728: 6 ball; 7 oil impregnated.
736: 6 ball; 1 needle; 5 oil impregnated.

equipment: steel carrying case, adjustable depth gauge, side handle, hex wrench and clutch adjusting key, locking wrench, pint of oil, dust shield.

Model 726 has separate chisel locking tool retainer. Models 728 and 736 have chisel lock built in.

model / item code no.	CAPACITIES: percussion-type carbide bits	CAPACITIES: carbide tipped core bits	blows per minute	revolutions per minute	amp rating at 115 V.	overall length, inches	net wgt., lbs.	ship. wgt., lbs.
726	3/16"—1 1/4"	1 1/4"—1 1/2"	2400	520	5.5	15 5/8	14 1/2	38
728	3/16"—1 1/2"	1 1/2"—2"	2900	500	6.5	17 5/8	15 1/2	39
736	1/2"—2"	1 3/4"—3 1/2"	2300	315	10	20 1/2	30	66
706*	5/32"—7/8"	——	3250	650	4.5	10 3/4	9 1/2	19
1706*	5/32"—7/8"	——	3250	650	4.5	10 3/4	8 1/2	18

***Models 706 & 1706 are shown on Page 6.**

For Accessories, See Pages 8 through 11.

SKIL ROTO-HAMMERS

COMPACT — LIGHTWEIGHT
Drilling Capacity — 3/16" to 7/8" Diameter

Compactness and very light weight make these tools perfect for use in cramped quarters, overhead, on ladders or scaffolding. Ideal for making holes to install anchors or expansion shields. Can also be used for chipping or chiseling, channelling and other jobs requiring hammering without rotation. Rotation without hammering permits drilling in metal or wood. Excellent for use as a 3/8" drill.

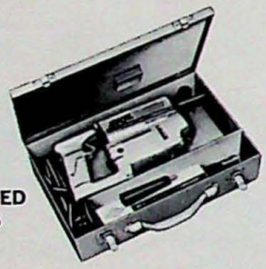
These extremely versatile tools are best for plumbers, electricians, sign erectors, remodeling contractors. Each model includes adjustable depth gauge, chisel lock, adaptor, swing away tool retainer and side handle.

MODEL 706

- Sturdy die-cast aluminum housing

MODEL 1706

- One pound lighter than Model 706 — housing and handle made of tough polycarbonate
- Double insulated for use where grounding is inconvenient



STEEL CASE INCLUDED WITH BOTH MODELS

SPECIFICATIONS:

switch: momentary contact trigger type.
bearings: 4 ball; 5 oil impregnated.
equipment: steel carrying case, depth gauge, tool retainer, hammering tool adapter, chisel lock, side handle, hex wrench, tube of grease.

model / item code no.	capacity percussion-type carbide bits	blows per minute	revolutions per minute	amp rating at 115 V.	overall length, inches	net wgt. lbs.	ship. wgt. lbs.
706	5/32"—7/8"	3250	650	4.5	10¾	9½	19
1706	5/32"—7/8"	3250	650	4.5	10¾	8½	18

SKIL DEMO-HAMMER

Includes all quality construction features found in Model 736 on page 5 except clutch. Designed for powerful hammering action only. Makes demo work less costly. Excellent for chipping, chiseling, slotting.

MODEL 737

- Includes automatic oiler with visible oil supply
- Durable, ribbed die cast housing
- Excellent for heavy-duty demolition and other jobs requiring powerful hammering action only.

SPECIFICATIONS

switch: momentary contact trigger type.
bearings: 3 ball; 1 needle; 3 oil impregnated.
equipment: steel carrying case, spring loaded tool retainer, side handle, pint of oil.

model/item code no.	blows per minute	amp rating at 115 V.	overall length, inches	net wgt., lbs.	ship. wgt., lbs.
737	2300	10.0	20½	26	61

For Accessories, See Pages 8 through 11.

SKIL HAMMER-DRILLS

Versatile Skil Heavy Duty Hammer-Drills give professional tradesmen tools that will drill holes fast in masonry, wood or metal. Operate with hammering action for masonry drilling or with rotation only for drilling in wood or metal. Compact and lightweight for handling ease. Adjustable depth gauge for drilling holes of uniform depth. Quality construction for low maintenance and long life. Choose from three tool models—or three kits.

MODEL 219

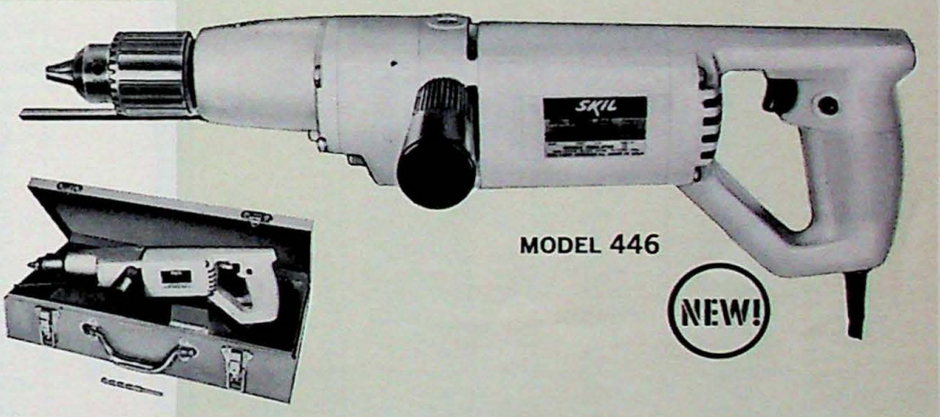
NEW!

MODEL 219 — 3/8" Hammer-Drill

- Compact, lightweight for close quarter work
- Adjustable depth gauge can be rotated to any position
- Turn knurled collar for drilling or hammering
- Two position auxiliary side handle
- Capacity: 3/8" in steel; 1/2" in masonry

MODEL 72827 Hammer-Drill Kit

- Includes Model 219 Hammer-Drill, carbide tipped drill bit, depth gauge and steel carrying case.



MODEL 446

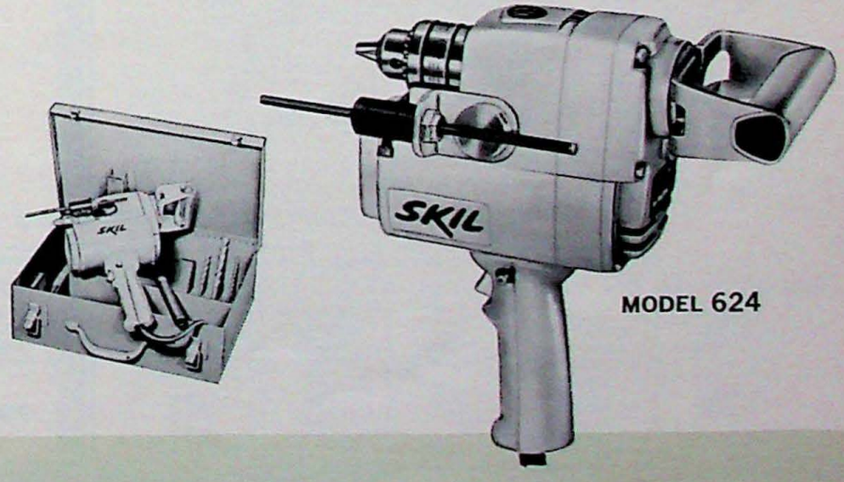
NEW!

MODEL 446 — 1/2" Hammer-Drill

- Double insulated for maximum protection where grounding is inconvenient
- Durable housings resist abuse
- Lever converts tool from drill to hammer-drill
- Three position auxiliary side handle
- Capacity: 1/2" in steel; 7/8" in masonry

MODEL 72884 Hammer-Drill Kit

- Includes Model 446 Hammer-Drill, carbide tipped drill bit, depth gauge, steel carrying case



MODEL 624

MODEL 624 — 1/2" Hammer-Drill

- Compact design for close quarter work between joists and studs
- Features removable, two position rear handle, 3-position auxiliary pipe handle
- 3-position adjustable depth gauge
- Lever quickly changes drilling to hammer-drilling
- Capacity: 1/2" in steel; 7/8" in masonry

MODEL 627 — 1/2" Hammer-Drill Kit

- Includes Model 624 Hammer-Drill, three carbide-tipped bits, steel carrying case

SPECIFICATIONS

switch: enclosed momentary contact trigger with locking button.

bearings: Model 219 has 4 ball, 3 roller, 2 oil impregnated
Models 446 and 624 have 4 ball, 3 needle, 1 oil impregnated

equipment: all models have geared chuck with key and key holder; adjustable depth gauge, hex wrench, auxiliary side handle. Model 219 has hex key holder.

model/item code no.	duty rating	cap. in steel	cap. in masonry	no load RPM	blows per minute	amp rating at 115 V.	overall length, inches	net wt., lbs.	shpg. wt., lbs.
219	heavy	3/8"	1/2"	2,100	38,000	4.0	10 7/8	4 1/2	6
446	heavy	1/2"	7/8"	1,200	21,600	6.0	17	7 3/4	10 1/4
624	heavy	1/2"	7/8"	1,200	21,500	5.0	10	10	12 3/4

Kit Shipping Weights: Model 72827, 12 lbs:; Model 72884, 18 lbs.; Model 627, 22 lbs.

For Accessories, See Page 8.

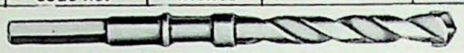
SKIL ROTO-HAMMER ACCESSORIES

ONE PIECE PERCUSSION-TYPE CARBIDE BITS

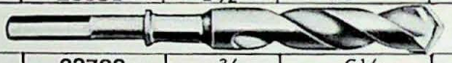
Fastest, lowest cost way to drill holes in masonry!
Special fluted Carbide Bits designed for use with Skil Roto-Hammers. Last up to 30 times longer . . . drill up to 1000 more holes than star drills. Carefully made to withstand Roto-Hammer's combined hammering and power rotation. Resharpening is not ordinarily necessary. Have special alloy steel shank and highest quality, special grade carbide tip. Bit fluting is designed specifically for masonry drilling. Bits fit directly into hammer nose. No adapter needed.

for use on model	part/item code no.	point dia., inches	max.† depth capacity, inches	length, inches
706 & 1706	26906	3/8	3	7 7/16
	26907	3/8	6 1/2	11
	26909	1/2	6 1/2	11
	26910	1/2	12	16 1/2
	26911	9/16	6 1/2	11
	26912	5/8	6 1/2	11
	27196	3/4	3 3/4	8 1/4
	28684	7/8	3 1/2	8

for use on model	part/item code no.	point dia., inches	max.† depth capacity, inches	length, inches
726	25500	1/2	4 1/2	10
	21759	1/2	10 1/2	16
	21760	1/2	16 1/4	22
	21761	9/16	6 1/2	12
	25501	5/8	4 1/2	10
	21763	5/8	10 1/2	16
	21764	5/8	16 1/4	22
	24422	21/32	4 1/2	10
	21765	11/16	6 1/2	12
	25502	3/4	4 1/2	10
	21767	3/4	10 1/2	16
	21768	3/4	16 1/2	22
	21769	7/8	6 1/2	12
	25274	7/8	11	16 1/2
	21770	7/8	16 1/4	22
	21771	1	6 1/2	12
	25275	1	11	16 1/2
	21772	1	16 1/2	22
	21927	1 1/8	6 1/2	12
	25276	1 1/8	11	16 1/2
	21928	1 1/8	16 1/2	22
	27984	1 1/4	8 1/2	14
	27985	1 1/4	16 1/2	22



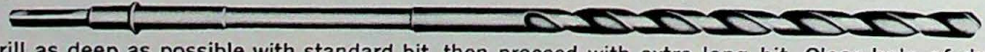
for use on model	part/item code no.	point dia., inches	max.† depth capacity, inches	length, inches
728	28500	1/2	4 1/2	10 1/2
	28501	1/2	10 1/2	16 1/2
	28502	1/2	16 1/4	22 1/2
	28503	17/32	4 1/2	10 1/2
	28504	9/16	6 1/2	12 1/2
	28506	5/8	4 1/2	10 1/2
	28507	5/8	10 1/2	16 1/2
	28508	5/8	16 1/2	22 1/2
	28509	21/32	4 1/2	10 1/2
	28510	11/16	6 1/2	12 1/2
	28512	3/4	4 1/2	10 1/2
	28513	3/4	10 1/2	16 1/2
	28514	3/4	16 1/2	22 1/2
	28517	7/8	6 1/2	12 1/2
	28518	7/8	11	17
	28519	7/8	16 1/2	22 1/2
	28520	1	6 1/2	12 1/2
	28521	1	11	17
	28522	1	16 1/2	22 1/2
	28523	1 1/8	6 1/2	12 1/2
	28524	1 1/8	11	17
	28525	1 1/8	16 1/2	22 1/2
	28526	1 1/4	8 1/2	14 1/4
	28527	1 1/4	16 1/2	22 1/2
	28528	1 3/8	8 1/2	14 1/4
	28529	1 3/8	16	22
	28530	1 1/2	8 1/2	14 1/4
	28531	1 1/2	16	22



for use on model	part/item code no.	point dia., inches	max.† depth capacity, inches	length, inches
736	22782	3/4	6 1/2	14
	25277	3/4	10 1/2	18
	22783	3/4	16	24
	22784	7/8	6 1/4	14
	25252	7/8	10 1/2	18
	22785	7/8	16	24
	22786	1	6 1/2	14
	25253	1	10 1/2	18
	22787	1	16	24
	22788	1 1/8	6 1/2	14
	25251	1 1/8	10 1/2	18
	22789	1 1/8	16	24
	22790	1 1/4	6 1/2	14
	25268	1 1/4	10 1/2	18
	22791	1 1/4	16	24
	22792	1 3/8	6 1/2	14
	22793	1 3/8	16	24
	22794	1 1/2	6 1/2	14
	22795	1 1/2	16	24
	25250	1 5/8	6 1/4	14
	22796	1 3/4	6 1/2	14
	22797	1 3/4	16	24
	22798	2	6 1/2	14
	22799	2	16	24

EXTRA LONG BITS

For drilling extra deep holes.



Caution: Always drill as deep as possible with standard bit, then proceed with extra long bit. Clear hole of dust often.

for use on model	part/item code no.	point dia., inches	max.† depth capacity, inches	length, inches
728	28681	3/4	26	32
	28682	7/8	26	32
	28683	1	26	32

for use on model	part/item code no.	point dia., inches	max.† depth capacity, inches	length, inches
736	43716	7/8	30	36
	43717	1	30	36
	43718	1 1/8	29	36
	43719	1 1/4	29	36

PERCUSSION CARBIDE BITS FOR HAMMER-DRILLS

High quality bits designed to take the impact and rotation forces exerted by hammer-drills. Hardened alloy steel body, percussion carbide tip and special fluting for fast drilling and extremely long life.

for use on models	part/item code no.	dia. inches	shank dia.	max.† depth capacity, inches	length, inches	part/item code no.	dia. inches	shank dia.	max.† depth capacity, inches	length, inches
219, 446, 624 and other makes	29900	3/16	3/16	1 3/4	4	29906	7/16	1/4	4 1/4	6
	29901	1/4	1/4	2 1/2	4	29907	1/2	3/8	4 1/4	6
	29922	1/4	1/4	4 1/4	6	29926	1/2	3/8	10 1/8	12
	29902	5/32	1/4	2 1/2	4	29909	9/16	1/2	4 1/4	6
	29903	5/16	1/4	2 1/2	4	29910	5/8	1/2	4 1/4	6
	29923	5/16	1/4	4 1/4	6	29911	11/16	1/2	4 1/4	6
	29904	3/8	1/4	2 1/2	4	29914	3/4	1/2	4 1/4	6
	29924	3/8	1/4	4 1/4	6	29912	7/8	1/2	4 1/4	6
	29925	3/8	1/4	10 1/8	12					

†IMPORTANT — In drilling, do not exceed maximum depth capacities indicated. To do so will result in shorter bit life. Clear dust out of hole frequently.

SKIL ROTO-HAMMER ACCESSORIES

"S" TAPER PERCUSSION-TYPE CARBIDE BITS — 3/16" TO 3/8" DIAMETER

For use in drilling smaller diameter holes (3/16" to 3/8") than possible with one piece bits. Must be used with proper Adapter Shank (see below).

for use on model	part/item code no.	point dia., inches	max.† depth capacity, inches	length inches
706, 1706, 726, 728	26938	3/16	1 1/2	2 3/4
	26918	1/4	2	3 1/4
	27195	1/4	4 3/4	6
	27194	5/32	2 1/2	3 3/4
	26919	5/16	2 1/2	3 5/8
	26930	3/8	3	4 1/4

"S" TAPER BIT ADAPTER SHANK

for model	part/item code no.
706, 1706	26426
726	24918
728	28613

No. 19368 DRIFT KEYS — for removing "S" Taper Bits from adapter.

"A" TAPER PERCUSSION-TYPE CARBIDE BITS — 1/4" TO 5/8" DIAMETER

For use in drilling smaller diameter holes (1/4" to 5/8") than possible with most one piece bits. Must be used with proper Adapter Shank (see below).

for use on model	part/item code no.	point dia., inches	max.† depth capacity, inches	length inches
706, 1706, 726, 728	19377	1/4	2 1/2	4 1/2
	43135	1/4	4	6
	19376	5/16	2 1/2	4 1/2
	43136	5/16	4	6
	19277	3/8	3	5
	25255	3/8	6 1/2	9
	19375	7/16	3	5
	25254	1/2	3 1/2	5 1/2
	20517	1/2	6 1/2	9
	71141	9/16	4	6
	43137	5/8	4	6

"A" TAPER BIT ADAPTER SHANK

for model	part/item code no.
706, 1706	26425
726	19367
728	28614

No. 19368 DRIFT KEYS — for removing "A" Taper Bits from adapter.

"B" TAPER PERCUSSION-TYPE CARBIDE BITS — 1/2" TO 1" DIAMETER

For use in drilling smaller diameter holes (1/2" to 1") than possible with most Model 736 one piece bits. May also be used with Models 726 and 728. Must be used with proper Adapter Shank (see below).

for use on model	part/item code no.	point dia., inches	max.† depth capacity, inches	length, inches
726, 728, 736	19374	1/2	6 1/2	9
	19382	1/2	16	18
	19373	9/16	6 1/2	9
	19381	9/16	16	18
	19275	5/8	6 1/2	9
	19380	5/8	16	18
	19372	11/16	6 1/2	9
	18969	3/4	6 1/2	9
	19378	3/4	16	18
	19522	7/8	6 1/2	9
	19524	1	6 1/2	9

"B" TAPER BIT ADAPTER SHANK

for model	part/item code no.
726	18932
728	28615
736	23601

No. 19368 DRIFT KEYS — for removing "B" Taper Bits from adapter.

"FLAT-TIP" CARBIDE BITS

(Percussion-Type for drilling holes for anchors)

Fastest, lowest cost way to drill holes for anchors, fasteners and expansion shields. Drill holes with virtually flat (160°) bottoms for secure, accurate settings. After holes are drilled, anchors and shields are easily tapped "home" with ordinary hammer or mallet.

for use on model	part/item code no.	point dia., inches	self-drilling anchor bolt size, inches	max.† depth capacity, inches	length inches
706 & 1706	26913	7/16	1/4	2 3/4	7 3/16
	26921	15/32	5/16	2 3/4	7 3/16
	26914	1/2	—	2 3/4	7 3/16
	26915	9/16	3/8	2 3/4	7 3/16
	26916	5/8	—	2 3/4	7 3/16
	26917	11/16	1/2	2 3/4	7 3/16
726	23534	7/16	1/4	2 3/4	8
	23535	15/32	5/16	2 3/4	8
	25261	1/2	—	2 3/4	8
	23536	9/16	3/8	2 3/4	8
	25262	5/8	—	2 3/4	8
	23537	11/16	1/2	2 3/4	8
	25263	3/4	—	3 1/2	8 3/4
	23538	27/32	5/8	3 3/4	9
	25264	7/8	—	4	9 3/8
	23539	1	3/4	4	9 3/8
	23540	1 1/8	7/8	4 3/4	10 1/8
728	28534	7/16	1/4	2 3/4	8 1/2
	28535	15/32	5/16	2 3/4	8 1/2
	28536	1/2	—	2 3/4	8 1/2
	28537	9/16	3/8	2 3/4	8 1/2
	28538	5/8	—	2 3/4	8 1/2
	28539	11/16	1/2	2 3/4	8 1/2
	28540	3/4	—	3 1/2	9 1/4
	28543	27/32	5/8	3 3/4	9 1/2
	28544	7/8	—	4	10
	28545	1	3/4	4	10
	28546	1 1/8	7/8	4 3/4	10 3/4
736	23541	11/16	1/2	2 3/4	9
	25265	3/4	—	3 1/2	10 1/2
	23542	27/32	5/8	3 3/4	10
	25266	7/8	—	4	11
	23543	1	3/4	4	10 1/4
	23544	1 1/8	7/8	4 3/4	11

CARBIDE TIP CORE BITS

Hollow-core percussion-type carbide tipped bits for drilling big masonry holes at lowest cost per hole. No expensive rig equipment needed. Heat treated alloy steel with carbide inserted around perimeter. Specially made to stand up under combination hammering and power rotation of Skil Roto-Hammers. Super tough for drilling right through steel reinforcing rods embedded in concrete.*

for use on model	part/item code no.	dia., inches	effective drilling depth, inches	overall length, inches
726	23782	1 1/4	8 1/2	14 7/8
	25257	1 3/8	8 1/2	14 7/8
	23783	1 1/2	8 1/2	14 7/8
728	28638	1 1/2	8 3/4	15 7/8
	28639	1 3/4	8 3/4	15 7/8
	28640	2	8 3/4	15 7/8
736	23791	1 3/4	10	18 3/8
	23792	2	10	18 5/8
	23793	2 1/2	10	19 1/4
	23794	3	10	19 3/4
	23795	3 1/2	10	20 5/8

*Maximum size reinforcing rod which may be cut with Models 726 & 728—1/2"; with Model 736—3/4".

Note: Replacement Carbide tips for Core Bits are available from your SKIL Factory Service Center.

No. 24419 Extra Long Heavy duty Side Handle — for maximum control when using core or long bits. Fits Models 726, 728 or 736 Roto-Hammer. 23" long.

†IMPORTANT — In drilling, do not exceed maximum depth capacities indicated. To do so will result in shorter bit life. Clear dust out of hole frequently.

SKIL HAMMER ACCESSORIES

HAMMERING TOOLS

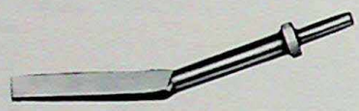
Provide hammering without rotary action for performing a wide variety of jobs. When used with Model 706 or 1706, must be inserted through No. 26427 Hammering Tool Adapter (furnished as standard equipment).

When used with Model 726, 728, 736 and 737 chuck directly into hammer nose. Packed 5 per carton unless otherwise noted. Order in lots of 5 for convenience.

BULL POINT — For demolition.

for use on model	part/item code no.	length and/or tool sizes, inches
706, 1706	26931	7½
726	22134	12
	22135	18
728	28623	12
	28624	18
	28625	24
736, 737	22767	14
	22768	20
	22745*	30

CAULKING TOOL — For pipe and tile



706, 1706	26437*	7½ x ⅞

BUSHING TOOL

For surfacing concrete

1 PIECE TYPE

for use on model	part/item code no.	length and/or tool sizes, inches
726	28499*	8 x 1¼ sq.
728	28635*	8 x 1¼ sq.
736, 737	28496*	9 x 1½ sq.

2 PIECE TYPE

726	22145*	9 x 1¼ sq.
736, 737	22776*	12 x 1½ sq.

REPLACEMENT PARTS

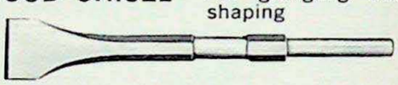
For 2-Pc. Bushing Tool

	For 726	For 736, 757
Head Only	23466*	23468*
Shank Only	23465*	23467*

COLD CHISEL — For chipping, edging, channeling

for use on model	part/item code no.	length and/or tool sizes, inches
706, 1706	26428	7½ x ½
726	22138	11 x ⅝
	22139	11 x ⅞
	23600	18 x ⅝
728	28627	12 x ¾
	28628	20 x ¾
736, 737	22773	14 x 1
	22774	20 x 1

WOOD CHISEL — For gouging and shaping



726	22140	11 x 2
728	28629	12 x 2
736, 737	22775	14 x 2

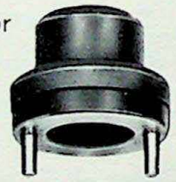
No. 26427 — HAMMERING TOOL ADAPTER For using hammering tools — furnished with Models 706 and 1706.

*PACKED SINGLY

CHISEL LOCK ASSEMBLIES Required for using hammering tools — furnished with Models 706, 1706 & 726.

No. 26432 — for Models 706 & 1706.

No. 23471 — for Model 726.



STAR DRILLS

High quality, forged steel star drills for use with SKIL Models 726, 728, and other makes of hammers with "A" taper chuck wrenches. For hammering action without power rotation. Order in lots of 5 for convenience.

"A" TAPER STAR DRILLS (Packed 5 per carton)

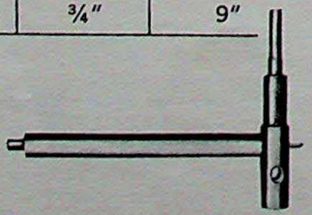
for use on model	part/item code no.	point dia.	overall length
726, 728	15445	¼"	5"
	20518	5/16"	5"
	20519	7/16"	5"
	20520	9/16"	9"
	15407	⅝"	9"
	20521	11/16	9"
	15408	¾"	9"

CHUCK WRENCH —

For "A" Taper Star Drills.

No. 20513 — For Model 726.

No. 28620 — For Model 728.

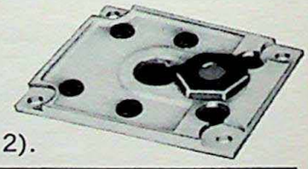


No. 19368 DRIFT KEY — for removing Star Drills from chuck wrench.

AUTOMATIC OILER — lubricates Roto-Hammers during operation. Visible oil supply. Standard equipment on present hammers. Can be installed on former models as below.

No. 43278 — for Models 726, 728 (except 726 type 1 & 2).

No. 43279 — for Models 736 and 737 (except 736 type 1 & 2).



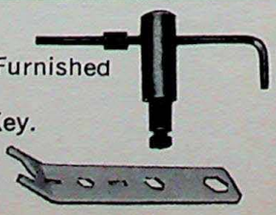
No. 23115 — SILICON CARBIDE GRINDING WHEEL — for sharpening carbide hammer bits; 6" x ¾"; ½" arbor; 100 grit. Max. safe operating speed — 4456 R.P.M. Use with Model 291, 287 Skil or other Bench Grinders.

No. 24419 — EXTRA LONG HEAVY DUTY SIDE HANDLE — for maximum control when using core or long bits. Fits Models 726, 728 or 736 Roto-Hammer. 23" long.

CLUTCH ADJUSTING TOOLS — Furnished with Models 726, 728, 736.

No. 302081 — Clutch Adjusting Key.

No. 29968 — Locking Wrench.



SKIL HAMMER ACCESSORIES

MORTAR CHISEL — For cleaning out old mortar between bricks and masonry seams before repointing.

for use on model	part/item code no.	length and/or tool sizes, inches
706, 1706	26435	7½ x ⅞
726	22144	11 x ⅞
728	28633*	12 x ⅞
736, 737	22777	14 x 1½

SCALING CHISEL — For removing scale and weld spatter and breaking web between pre-drilled holes in demolition work.

for use on model	part/item code no.	length and/or tool sizes, inches
706, 1706	26434	7¼ x 1¼
	28165	6½ x 2
726	22141	11 x 1¼
	22142	11 x 1½
	22143	11 x 2
728	28630	12 x 1¼
	28631	12 x 1½
	28632	12 x 2
736, 737	22770	14 x 1½
	22771	14 x 2
	22772	14 x 2½

SLOTTING TOOL — For slotting in concrete and breaking web between pre-drilled holes for enlarging openings.

for use on model	part/item code no.	length and/or tool sizes, inches
706, 1706	26433	7½ x ⅞
726	22136	15 x 1⅛
728	28626	15 x 1⅛
736, 737	22769	19 x 1½

4 POINT SCALING TOOL — For removing scale.

for use on model	part/item code no.	length and/or tool sizes, inches
726	22137	11 x ⅞

CLAY SPADE

(CURVED SHOVEL) — For digging hard or frozen earth.

for use on model	part/item code no.	length and/or tool sizes, inches
728	43134*	16½ x 3½
736, 737	23452*	19½ x 4

(STRAIGHT SHOVEL) — For digging, trenching.

for use on model	part/item code no.	length and/or tool sizes, inches
728	43133*	16½ x 3½
736, 737	43132*	19½ x 4

GROUND ROD ADAPTER — For driving ⅝" and ¾" ground rods into earth.

for use on model	part/item code no.	length and/or tool sizes, inches
736, 737	24471*	9¼

TAMPING TOOL — For light tamping of soil, sand, gravel.

for use on model	part/item code no.	length and/or tool sizes, inches
728	28685*	4"—dia.
736, 737	28686*	5"—dia.

PIERCING PUNCH — For punching properly upset holes to secure sheet metal screws.

for use on model	part/item code no.	length and/or tool sizes, inches
706, 1706	28689*	#6 screw
	28690*	#8 screw

TOOL BLANK — For forging into special shapes.

for use on model	part/item code no.	length and/or tool sizes, inches
706, 1706	26436	7½ x ½
726	22146*	11 x ⅝
728	28634*	10 x ¾
736, 737	22778*	12 x ⅞

DUST SHIELDS — keep dust out of hammer nose. Very useful on overhead work.

No. 23449 — for Model 726.

No. 28492 — for Model 728.

No. 20940 — for Models 736 & 737.

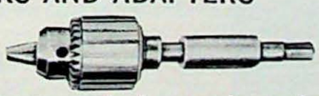
TOOL RETAINERS — for holding bits, adapters, hammer tools in place.

No. 26323 — for Models 706 & 1706.

No. 20511 — for Model 726.

*PACKED SINGLY

DRILL CHUCKS AND ADAPTERS



Permit Roto-Hammers to be used as electric drills for drilling wood, steel, tile, plastic, masonry. *Order both chuck adapter and drill chuck.*

for use on model	capacity, inches	chuck adapter only, part/item code no.	drill chuck & key only, part/item code no.
706, 1706	⅜	26377	43193
726	½	22174	73250
728	½	28616	73250
736	¾	22779	1765

CHUCKS FOR HAMMER-DRILLS — Same as supplied with tool.

for use on model	capacity inches	chuck & key part/item code no.	key only, part/item code no.
219	⅜	73230	3387
446	½	71145	3766

CARRYING CASES — standard equipment with hammers.

No. 26398 — for Models 706 & 1706.

No. 28497 — for Models 726 & 728.

No. 25600 — for Models 736 & 737.

LUBRICANTS — Roto and Demo Hammers and Hammer Drills

Models 628, 726, 728, 729, 736, 737: all types—gear case only	252 5⅜ oz. tube 251 2 lb. can
all types—cylinder and piston	20525 pint 23144 ½ gal.
Models 706, 1706: all types—gear case and barrel	25667 5⅜ oz. tube
Model 219: gear case and hammering mechanism	252 5⅜ oz. tube 251 2 lb. can
Model 446: gear case and hammering mechanism	68779 5⅜ oz. tube
oil impregnated bearing	20525 pint 23144 ½ gal.
Model 624: gear case and hammering mechanism	252 5⅜ oz. tube 251 2 lb. can
oil impregnated bearing	20525 pint 23144 ½ gal.

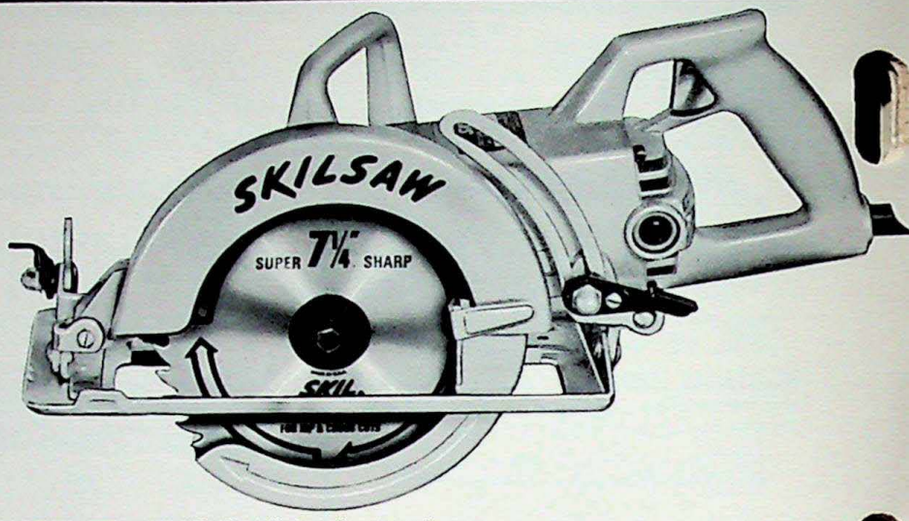
SKILSAW WORM-DRIVE SAWS

SUPER-DUTY MODELS

All Ball Bearing

These Skilsaw models are the crowning achievement of more than 45 years of saw leadership by Skil.

World's finest and most complete line of heaviest-duty professional power saws to fit every need. All have Skilsaw Pioneered "worm-drive design" with unequalled high torque output for fastest cutting of lumber, metal, stone, tough compositions. Unexcelled for ripping applications. Super strong foot, adjustment levers, bevel gauge take toughest abuse. Designed throughout for low maintenance, long life. All have Skil "Super Burn-out Protected" Motors.

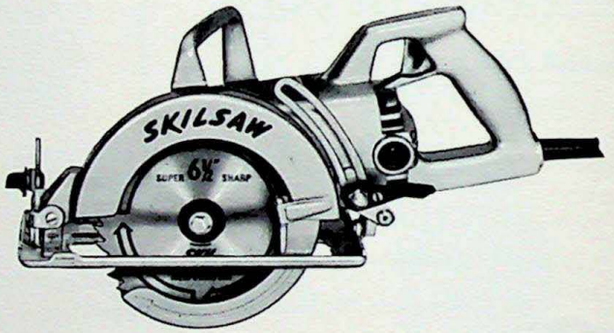


MODEL 77 7¼" (2⅜" depth of cut)

- The world's most popular worm-drive saw
- Has power, speed and cutting capacity for demanding jobs
- Powerful 12 amp motor
- Most widely used in areas employing 2" dressed lumber for construction
- Cuts 2" full dimension lumber at 90° or 2" dressed lumber at 45°

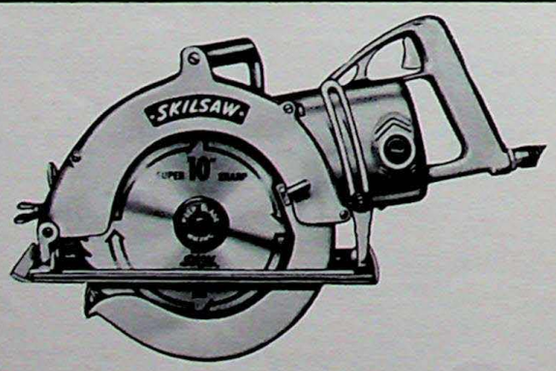
MODEL 825 8¼" (2⅞" depth of cut)

- Provides maximum power for extra cutting capacity
- Powerful 13 amp motor
- Most widely used in areas employing 2" full dimension lumber for construction
- Cuts 3" dressed lumber at 90° or 2" full dimension lumber at 45°



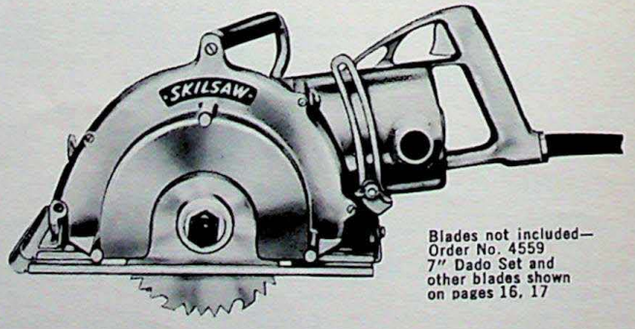
MODEL 367 6½" (2" depth of cut)

- Most compact worm drive saw
- Powerful 11 amp motor
- Cuts 2" full dimension lumber at 90° or 2" dressed lumber at 45°
- Lightest weight, only 14¾ lbs.



MODEL 107 10" (3⅜" depth of cut)

- Delivers tremendous power for continuous cutting in hardwoods, heavy timber, wet or resinous woods
- For mine, bridge, dam, railroad, boat building and other very heavy-duty applications
- Excellent for ferrous and non-ferrous metal cutting
- Powerful 15 amp motor
- Cuts 3" full dimension lumber at 90° or 3" dressed lumber at 45°



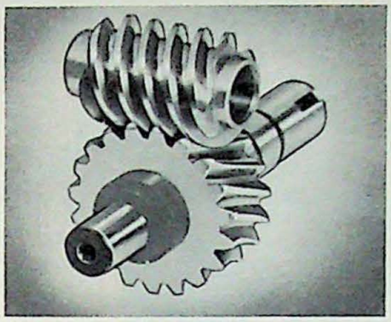
Blades not included—Order No. 4559 7" Dado Set and other blades shown on pages 16, 17

MODEL 117 7" GROOVER
(grooves to 1¾" deep, ⅛" to 2⅛₆" wide)

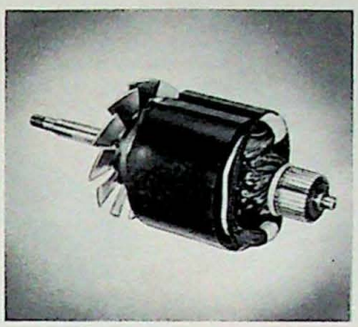
- Provides maximum grooving capacity for heavy job requirements
- For shoring work on bridges, dam construction, mines, ship yards and other heavy grooving applications
- Has power and stamina to dado, plough, rabbet up to 2⅛₆" wide
- Powerful 18 amp motor

SKILSAW WORM-DRIVE SAWS

CHECK THESE FEATURES

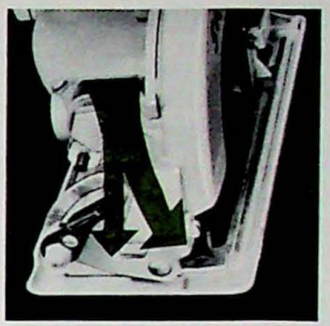


▲ **High-Torque worm drive gears** transmit tremendous power to blade. Worm-drive is most rugged type construction used in portable circular saws. Has unequalled ability to take severe shock loads that will put other saws out of service.



▲ **SUPER BURNOUT PROTECTED MOTOR**

More powerful than ever. Armature connections are welded (not soldered) and windings are dip-coated in tough Polyester Resin insulation to provide Super Burnout Protection.



▲ **AIR FLOW HOOD**

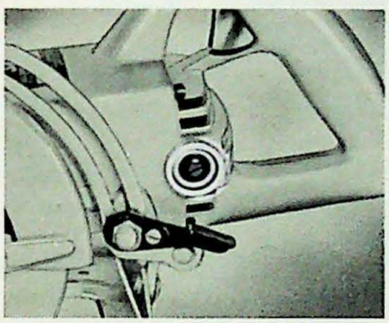
Directs cool air over gear case to dissipate heat; keeps saw cooler. Air blasts out at front to clean line of cut.

▲ **OIL LEVEL CONTROL**

Convenient oil filler plug on side of tool. Gear case is easily filled to correct level for proper lubrication, cool running.

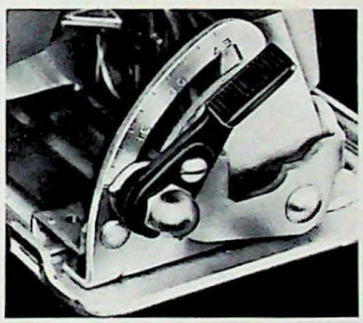
▲ **BLADE LOCK**

Push-button locks saw shaft for fast, easy blade changing.



▲ **BRUSH HOLDERS**

Located on sides of housing for convenient brush removal and inspection.



▲ **STRONG, EASY-TO-USE BEVEL AND DEPTH ADJUSTMENTS**

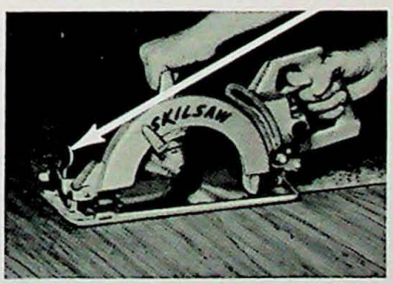
Heavy gauge steel, bevel and depth adjustment controls. Settings are easily made with large control levers. Readily recalibrated for pin point accuracy, if needed.

▲ **EXTRA STRONG FOOT**

Heavy gauge steel foot is formed and ribbed for superior strength. Extra foot length at front facilitates "squaring" saw before starting cut.

NATURAL "IN-LINE" CUTTING ACTION ▶

Skil's rear and auxiliary handles are positioned for less tiring natural "feel" and provide "in-line" cutting control and accuracy. Blade is on left to aid sighting along line of cut.



PLUS . . .

- **TELESCOPING LOWER GUARD** — automatically retracts even when making bevel and miter cuts. Long lower guard retracting lever for control and safety.
- **OIL PRESSURE RELIEF BELLOWS** — sealed bellows in gear case relieves any oil pressure build-up for better running performance, no oil seepage.
- **HIGH CAPACITY DUST RESISTANT SWITCH** — constructed for long life.
- **"VARI-TORQUE" CLUTCH** — adjustable to protect motor and gears against damage should blade bind or jam in cut.

SPECIFICATIONS

switch: Enclosed momentary contract trigger type.
bearings: All have 5 heavy duty, precision ball bearings.

equipment: Combination blade (except Model 117), blade wrench.
arbor: SKIL diamond arbor, except Model 117, which has ¾" round arbor.

model/item code no.	blade dia.	depth of cut at 90°	depth of cut at 45°	no load speed, RPM	output torque ft. lbs.	amp rating at 115 V.	overall length	net wt. lbs.	shpg. wt. lbs.
367	6½"	1/16 to 2"	1¾"	4600	17	11	16⅝"	14¾	18½
77	7¼"	1/16 to 2⅜"	1 15/16"	4400	23	12	17¾"	17¼	20¼
825	8¼"	⅛ to 2⅞"	2¼"	4300	28	13	18⅛"	18¾	22¾
107	10"	1 to 3⅜"	2⅝"	3400	40	15	21"	29¾	38¾
117	7"*	0 to 1¾"	—	2900	40	18	21"	36	41

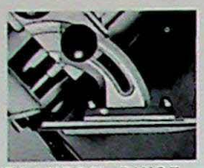
*7" dado

For Accessories, See Page 16 through 18

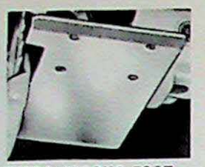
SKILSAW SUPER-DUTY TOP HANDLE SAWS

CHECK THESE FEATURES

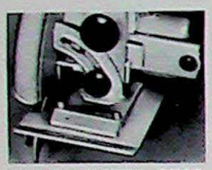
SAF-T-GARD — Skil's exclusive upper guard segment shields blade for maximum safety at all cutting depths.



PHANTOM PIVOT — Quadrant design allows for deeper bevel cuts . . . provides one, easy-to-follow cutting guide for every angle cut.



EXTRA STRONG FOOT — Heavy gauge aluminum for greater stability and support. Lightweight, convenient.



STRONG BEVEL QUADRANT — Cast aluminum for strength and accuracy. **LARGE CONTROL KNOBS** —— accessible and easily set.

TELESCOPING LOWER GUARD — Retracts automatically with start of each cut. **EXTRA LONG MITER LIP** — for accurate bevel cuts.

BLADE LOCK — Push-button locks saw shaft for fast blade change.

PLUS

- **All Ball and Needle Bearings** — Heavy-duty precision type assure trouble-free performance.
- **Super Burnout Protected Motors** — Armature connections are welded — not soldered. Windings are dip-coated in tough Polyester Resin insulation.
- **Vertical Lift "Sure-grip" Comfortable Top Handle**—remains in same position regardless of depth or angle setting.
- **"Vari-Torque" Clutch** — adjustable to protect motor and gears against damage should blade bind or jam.
- **Sawdust Blower System** — Built-in blower directs sawdust away from operator — keeps line of cut clean.
- **Hardened Helical Gears** — Deliver full torque to blade.
- **Brush Holders** — Located for convenient brush inspection.

THE MOST COMPLETE LINE OF SUPER-DUTY TOP HANDLE SAWS ON THE MARKET

All models have high blade speed for fast cutting of lumber, metal, stone and tough compositions. Ideal for quick cut-off work on any application. Powerful Super Burn Out Protected Motors for rugged day-long professional use. Four blade sizes 6½", 7¼", 8¼" and 10¼".

MODEL 857 — 7¼" (2½" depth of cut)

- Most popular top handle Skilsaw model for homebuilders and remodelers
- Widely used in areas employing 2" dressed lumber
- Cuts 2" full dimension lumber at 90° or 45°
- Unusual power, speed and cutting capacity for a saw of this size and weight

SKILSAW HEAVY-DUTY SAWS

CHECK THESE FEATURES

BLADE LOCK — Push-button locks saw shaft for easy blade change. **EASY-TO-USE DEPTH ADJUSTMENT** — Conveniently located.

HEAVY GAUGE STEEL "WRAP-AROUND" FOOT — Formed and ribbed for added strength and rigidity. Compact, lightweight.

SAWDUST EJECTION SYSTEM — Built-in blower directs sawdust away from operator. Keeps line of cut clean.

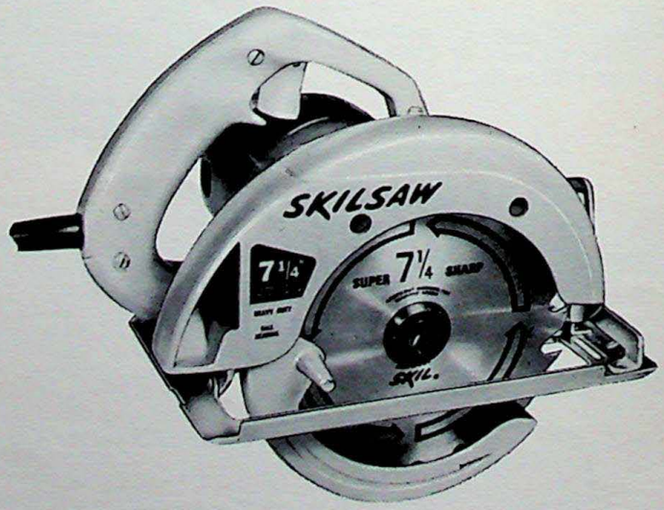
SUPER BURNOUT PROTECTED MOTORS — Armature connections are welded — not soldered. Windings are dip-coated in tough Polyester Resin insulation.

PLUS

- **All Ball and Needle Bearings** — Heavy-duty precision type assure long life.
- **Strong Bevel Adjustment** — Reinforced heavy gauge steel quadrant.
- **Full-View Blade** — Guard opening for accurately following line of cut.
- **Bind-Free Lower Guard** — Retracts automatically at start of each cut.
- **"Vari-Torque" Clutch** — adjustable to protect motor and gears against damage should blade bind or jam.
- **Comfortable Handle** — Designed for maximum control and all day use.
- **Hardened Helical Gears** — Deliver full cutting torque to blade.
- **Brush Holders** — Located on side of housing for convenient inspection.
- **Strong Aluminum Housings** — Lightweight yet rugged.

INCLUDE ADVANCED FEATURES FOUND ONLY IN HIGHER PRICED SAWS

Preferred by many professional users because of superior balance, compactness and light weight. Efficient torque-speed output provides fast cutting of lumber, metal, stone and tough compositions. Each is powered by Skil's famous Super Burn-out Protected motor for longest life.



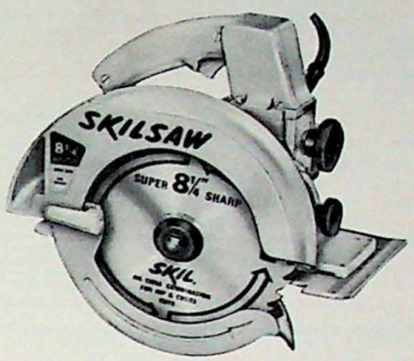
MODEL 553 — 7¼" (2⅜" depth of cut)

- Most widely used in areas employing 2" dressed lumber
- Cuts 2" full dimension lumber at 90° or 2" dressed lumber at 45°

SKILSAW CIRCULAR SAWS

MODEL 856 — 6½"(2⅛" depth of cut)

- Cuts 2" full dimension lumber at 90° or 2" dressed lumber at 45°
- Lightest weight Top Handle Skilsaw model available



MODEL 858 — 8¼"(2⅞" depth of cut)

- Built with additional power for tough jobs
- Most widely used in areas employing 2" full dimension lumber
- Cuts 3" dressed lumber at 90° or 2" full dimension lumber at 45°

MODEL 860 — 10¼"(3⅞"depth of cut)

- Most powerful saw in its class, yet extremely compact and light weight
- Cuts 4" dressed lumber at 90° or 3" dressed lumber at 45°

SPECIFICATIONS

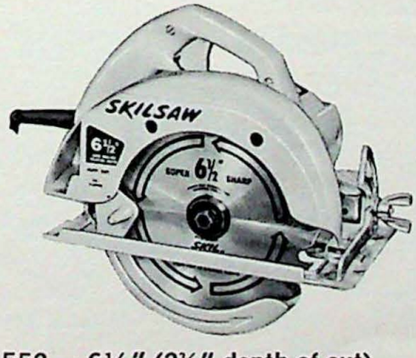
switch: High capacity, dust resistant, enclosed momentary contact trigger type.

bearings: 3 ball; 1 needle.

equipment: Combination blade, blade wrench.

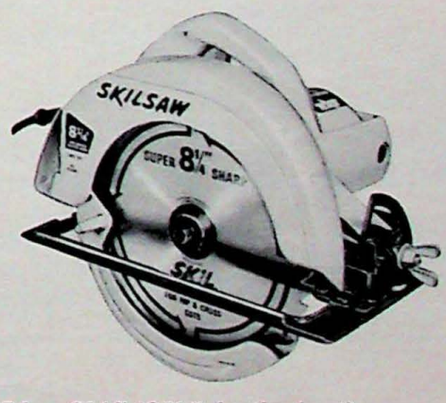
arbor: ⅝" round except Model 860 which is ¾" round.

model/item code no.	blade dia.	depth of cut at 90°	depth of cut at 45°	no load speed, RPM	output torque ft.-lbs.	amp rating at 115 V.	overall length	net wgt., lbs.	shpg. wgt., lbs.
856	6½"	0" to 2⅛"	1¾"	5800	15	10	10¼"	12½	14½
857	7¼"	0" to 2½"	2"	5800	16	12	10¾"	13	14¾
858	8¼"	1/16" to 2⅞"	2 3/16"	5400	17	13	12"	15¼	18¼
860	10¼"	1" to 3⅞"	2⅞"	5400	18	14	14"	17½	22



MODEL 552 — 6½" (2 3/16" depth of cut)

- Cuts 2" full dimension lumber at 90° or 2" dressed lumber at 45°
- Top-rated by professionals who need a dependable saw for every day use



MODEL 554 — 8¼" (2⅞" depth of cut)

- Most powerful saw in its class
- Cuts 3" dressed lumber at 90° or 2" full dimension lumber at 45°
- Most widely used in areas employing 2" full dimension lumber for construction

SPECIFICATIONS

switch: Enclosed momentary contact trigger type. Model 552 AC only.

bearings: 3 ball; 1 needle.

equipment: Combination blade, wrench.

arbor: ⅝" round.

model/item code no.	blade dia.	depth of cut at 90°	depth of cut at 45°	no load speed, RPM	output torque ft.-lbs.	amp rating at 115 V.	overall length	net wgt., lbs.	shpg. wgt., lbs.
552	6½"	1/16" to 2 3/16"	1¾"	5800	12	10	10¼"	11¼	14
553	7¼"	1/16" to 2⅜"	1⅞"	5200	15	12	12"	13½	15¼
554	8¼"	1/16" to 2⅞"	2⅛"	5200	16	13	12"	13¾	16

For Accessories, See Pages 16 through 18

SKIL SAW BLADES

FOR SKIL AND OTHER MAKES OF POWER SAWS

Skil saw blades are produced to the most exacting standards in our own manufacturing plants. Only highest quality alloy steels are used. Rigid specifications control manufacturing. Blades are heat treated for best performance and longer life.

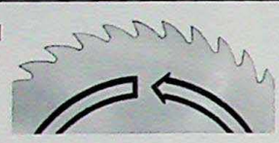
ARBOR (CENTER OPENINGS) STYLES

DIAMOND HOLE BLADES—Have diamond shaped center hole, only for portable saws.
ROUND HOLE BLADES—Have round shaped center hole only, for either ½", ⅝" or ¾" round arbor portable and bench saws.
MULTI-ROUND HOLE BLADES—Have round "Knock-Out" bushings only, for either ½", ⅝", ¾", or 1" round arbor portable and bench saws.
"KNOCK-OUT" DIAMOND AND ROUND HOLE BLADES—Have diamond and round "Knock-Out" bushings for either diamond, ½" or ⅝" round arbor portable and bench saws.

ARBOR SIZES FOR SKILSAW MODELS

arbor	current models	former models
½" Round	—	504, 533, 604
⅝" Round	534, 537, 574, 559, 552 (type 9 and up), 553 and 554 (type 6 and up), 856 (type 2), 857 and 858 (type 3).	416, 417 502, 536, 836
¾" Round	117, 860 (type 3)	117
Diamond	367, 77, 825, 107	127, 2127

COMBINATION



For cross-cut and rip work. Most frequently used SKIL Saw Blade for general carpentry.

part/item code no.	diameter, inches	arbor size, inches	no. teeth
20677	5½	½ Rd.	36
376	5⅞	◆	36
12610	6	◆, ½, ⅝ Rd.	36
16122	6½	◆	36
28150	6½	◆, ⅝ Rd.	36
377	7¼	◆	40
13247	7¼	◆, ⅝ Rd.	40
12611	8	½, ⅝ Rd.	40
388	8¼	◆	40
13855	8¼	◆, ⅝ Rd.	40
12612	9	⅝, ¾ Rd.	44
380	10	◆	44
12613	10	⅝, ¾ Rd.	44
42895	10¼	¾ Rd.	44
12614	12	¾, 1 Rd.	44

CHISEL TOOTH COMBINATION

For cross-cut and rip work. Have fewer teeth than combination for faster cutting, easier to resharpen, but gives slightly rougher cut.

part/item code no.	diameter, inches	arbor size, inches	no. teeth
17012	4¼	½ Rd.	20
17988	6½	◆, ⅝ Rd.	20
28152	6½	◆	20
13853	7	½, ⅝ Rd.	24
26831	7¼	◆, ⅝ Rd.	24
28151	8	⅝ Rd.	28
26832	8¼	◆, ⅝ Rd.	28
28154	8¼	◆	28

RIP

For fastest cutting with grain. Tooth shape similar to combination blade, but with larger teeth for better chip clearance and less binding.

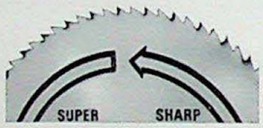
part/item code no.	diameter, inches	arbor size, inches	no. teeth
12767	5⅞	◆	30
12600	6	½, ⅝ Rd.	30
18553	6½	◆, ⅝ Rd.	30
19259	7¼	◆, ⅝ Rd.	32
12601	8	½, ⅝ Rd.	32
19261	8¼	◆, ⅝ Rd.	32
9764	10	◆	36
42897	10¼	¾ Rd.	36
330	12	◆	36

HARD TOOTH COMBINATION

For cross-cut and rip work. Extra hard teeth stay sharp 3 to 4 times longer. Good for tempered laminates, exterior plywood and other materials that tend to dull blades rapidly. Can be resharpened only by grinding.

part/item code no.	diameter, inches	arbor size, inches	no. teeth
20339	5½	½ Rd.	20
19703	6½	◆, ⅝ Rd.	20
21929	6½	◆	36
21933	7¼	◆, ⅝ Rd.	24
21937	8¼	◆, ⅝ Rd.	28

CROSS-CUT



For smoother cross-grain cuts. Also for use as rip and cut-off blade on extremely hard woods.

part/item code no.	diameter, inches	arbor size, inches	no. teeth
16123	6½	◆	70
18552	6½	◆, ⅝ Rd.	70
356	7¼	◆	76
19258	7¼	◆, ⅝ Rd.	76
350	8¼	◆	82
12256	8¼	◆, ⅝ Rd.	82
9763	10	◆	90

MITER OR "PLANER"

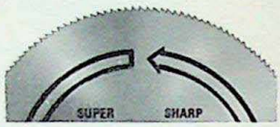
For smoothest cut cross grain or rip. Hollow ground for accurate rather than fast cutting. May be used for cutting soft aluminum or copper with lubricant.

part/item code no.	diameter, inches	arbor size, inches	no. teeth
20678*	5½	½ Rd.	60
12640	6	½, ⅝ Rd.	50
16124	6½	◆	50
18554	6½	◆, ⅝ Rd.	50
19260	7¼	◆, ⅝ Rd.	60
9757	8	◆	60
12641	8	½, ⅝ Rd.	60
12257	8¼	◆, ⅝ Rd.	60
12642	9	⅝, ¾ Rd.	70
12643	10	⅝, ¾ Rd.	80

*Tooth style similar to cross-cut blade.

SAVE MONEY! Order Your SKIL SAW Blades in quantity. See Price List for quantity discounts.

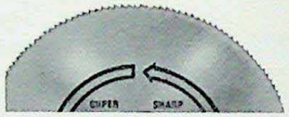
PLYWOOD



For smooth, splinter-free cutting of plywood and other laminates. Hollow ground, extra fine teeth leave a smooth cut that often eliminates further finishing need.

part/item code no.	diameter, inches	arbor size, inches	no. teeth
26170	5½	½ Rd.	120
26171	5⅞	◆	150
28156	6½	◆, ⅝ Rd.	150
28157	7¼	◆, ⅝ Rd.	160
28158	8	◆, ½, ⅝ Rd.	176

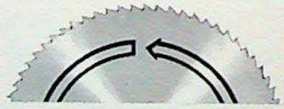
FINE-TOOTH



For fine cut-off work; cutting Celotex or similar soft wallboard; 1/16" or thinner plastic materials.

part/item code no.	diameter, inches	arbor size, inches	no. teeth
43368	5½	½ Rd.	120
12670	6	½, ⅝ Rd.	150
28162	6½	◆, ⅝ Rd.	150
28163	7¼	◆, ⅝ Rd.	160
9744	8	◆	176
12671	8	◆, ½, ⅝ Rd.	176

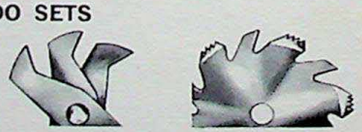
FLOORING



For repairing old floors, cutting crating or used lumber where nails are occasionally encountered. Use of 1 to 2 inch undersize blade recommended.

part/item code no.	diameter, inches	arbor size, inches	no. teeth
28159	6½	◆	70
28160	6½	◆, ⅝ Rd.	70
358	7¼	◆	76
12661	8	◆, ½, ⅝ Rd.	80

DADO SETS



For grooving in wood, compositions. Adjustable from ⅛" to maximum width by 1/16 inches. Extra chippers and outside cutters available on special order.*

part/item code no.	dia. inches	arbor size, inches	cutting width, capacity inches	set includes: outside cutters, ea. ⅛" wide	set includes: chipper, inches 1/16 ⅛ ¼
12676	6	⅝ Rd.	⅛ to 13/16	2	1 1 1
321	6	¾ Rd.	⅛ to 1 1/16	2	1 2 2
4559	7	¾ Rd.	⅛ to 2 1/16	2	1 2 6

*See Skil Factory Service Center for chippers and outside cutters No. 13345 to 13347, 13553, 17464 to 17471.

SKIL SAW BLADES

METAL CUTTING BLADES

Best when used with SKIL Super-Duty Worm-Drive Saws. Hollow ground.

COARSE TOOTH (nonferrous)

For ⅜" and thicker aluminum, magnesium or lead. Coarse mill type tooth. MUST BE USED WITH LUBRICANT.

part/item code no.	diameter, inches	arbor	no. teeth
18548	6½	◆	30
9813	7¼	◆	32
17007	8¼	◆	32

FINE TOOTH (nonferrous)

For copper, brass, ⅜" or thinner aluminum and magnesium, 1/16" and thicker plastics. Fine mill type tooth. MUST BE USED WITH LUBRICANT.

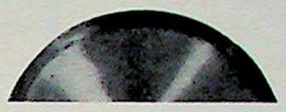
part/item code no.	diameter, inches	arbor	no. teeth
18549	6½	◆	90
9814	7¼	◆	100
17008	8¼	◆	100

FRICTION (ferrous metals)

For cutting light gauge flat or corrugated steel sheets such as metal roofing. Use only on 7¼" or larger Worm Drive Saws.

part/item code no.	diameter, inches	arbor	no. teeth
9768	5⅞	◆	72
28164	7	◆	72
9769	8	◆	76

KNIFE BLADES



For cotton sampling; also for cutting rubber (up to ¼" thick), Neoprene, rugs, fabrics and related materials. No. 9772 is steel; No. 16293 is beryllium copper, non-sparking.

part/item code no.	diameter, inches	arbor
9772	5⅞	◆
16293	5⅞	◆

ARBOR ADAPTERS — DIAMOND TO ROUND AND ROUND TO ROUND

For converting diamond arbor blades and wheels for use on saws with round arbors; and reducing diameter of round arbors.

Snap-in-adapters — for diamond or round arbor saw blades

part/item code no.	for converting . . .
24480	Diamond to ½" Round
24479	Diamond to ⅝" Round
24478	Diamond to ¾" Round
67471	⅝" Round to ½" Round
67472	¾" Round to ⅝" Round

Fiber adapters — for cut off wheels, Perma-Grit Blades

part/item code no.	for converting . . .
17009	Diamond to ½" Round
17010	Diamond to ⅝" Round

PERMA-GRIT WHEELS AND BLADES

5 tools in 1!—saw, sand, shape, dado, plough! No teeth to snag or kickback. Tungsten carbide grit is copper-bonded to edge and sides . . . cut and sand in one operation. Provide fast, smooth cuts with long blade life when cutting thin veneers, plywood, Masonite, fiberglass and plastics. *Cannot be used for metal or stone cutting.*

PERMA-GRIT WHEELS

For cutting and sanding. Abrasive grit is on edge and both sides.

part/item code no.	blade size	arbor size, inches	grit on edge	grit on sides
18720	8"	⅝, ½ Rd.	36	36—1 side 80—1 side
18721	8"	⅝, ½ Rd.	36	80 both sides
19782	8"	⅝, ½ Rd.	24	36 both sides
19758	10"	1, ¾, ⅝ Rd.	24	36 both sides

PERMA-GRIT BLADES —

For cutting applications only. Abrasive grit is on edge and ½" down from edge on both sides.

part/item code no.	blade size	arbor size, inches	grit on edge and sides
19908	6"	◆, ⅝ Rd.	36
19909	7¼"	◆, ⅝ Rd.	36
19910	8"	◆, ⅝ Rd.	36
19911	6"	⅝ Rd.	36

CARBIDE-TIPPED BLADES

These remarkable blades stay sharp up to 30 times longer in cutting new lumber. For excellent service in hard-to-cut materials like asbestos sheets, asphalt siding and other semi-abrasive products that quickly dull regular blades. Cannot be used for stone, masonry, metal or wood where nails may be encountered.

part/item code no.	diameter, inches	arbor size, inches	no. teeth
7996	5⅞	◆	6
18550	6½	◆	6
29348	6½	⅝ Rd.	6
29349	6½	⅝ Rd.	12
7997	7¼	◆	8
9590	7¼	◆	18
29350	7¼	⅝ Rd.	8
29351	7¼	⅝ Rd.	18
7998	8¼	◆	8
9598	8¼	◆	20
29352	8¼	⅝ Rd.	8
29353	8¼	⅝ Rd.	20
29354	10	⅝, ¾ Rd.	20
26538	10	◆	20

TEFLON BLADES

For faster, cleaner cuts with far less friction. Blades stay cleaner and may be resharpened and reset with no damage to coating. Have TEFLON-S® tough, new industrial coating.

part/item code no.	diameter, inches	arbor size, inches	no. teeth
COMBINATION			
68306	6½	◆, ⅝ Rd.	36
68307	7¼	◆, ⅝ Rd.	40
68308	8¼	◆, ⅝ Rd.	40
CROSSCUT			
68321	6½	◆, ⅝ Rd.	70
68322	7¼	◆, ⅝ Rd.	76
68323	8¼	◆, ⅝ Rd.	82
PLYWOOD			
68367	6½	◆, ⅝ Rd.	150
68368	7¼	◆, ⅝ Rd.	160
68369	8	◆, ⅝ Rd.	176

® TEFLON-S — A registered Trademark of DuPont.

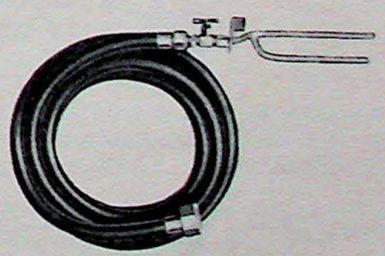
SKIL DIAMOND GRIT BLADES

Now improved for heavier duty cutting!

For all stone and masonry materials, glass, asbestos cement. Diamond concentration is higher and diamonds are retained in powdered metal segments that are brazed to a metal blank for longer cutting life. Outcut and outlast cut-off wheels 10 to 1! Cannot be used dry—use with Water Feed Attachment.

DIAMOND GRIT BLADES

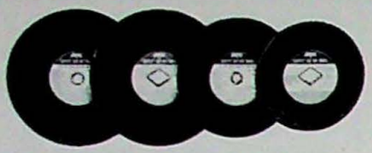
part/item code no.	diam. inches	arbor size inches	gauge	part/item code no.	diam. inches	arbor size inches	gauge
341	7"	◆	.050	28679	8"	⅝ rd	.050
28678	7"	⅝ rd	.050	375	10"	◆	.064
344	8"	◆	.050	28680	10"	¾ rd	.064



NO. 29627 WATER FEED ATTACHMENT

Attaches to SKILSAW Portable Saw and other makes. Perforated fork supplies water for both sides of blade. Equipped with 10 ft. hose. **Must be used with diamond grit blades.** May also be used with cut-off wheels.

SKIL SAW ACCESSORIES



"SAFETY" CUT-OFF WHEELS
(Packaged 10 per carton)

For cutting masonry materials and metals as indicated. All wheels are ⅛" thick and contain a high concentration of highest quality electric furnace abrasives for fastest cutting. Have three important features for break resistance, long life and safety: (1) reinforced with fiberglass or nylon; (2) steel insert reinforces diamond arbor* hole; (3) abrasives are securely bonded with phenol resin.

MASONRY CUTTING

Silicon Carbide Abrasive for Hard Masonry—for materials such as hard-aggregate concrete, marble, granite, glazed and ceramic tile, slate, terrazzo, acid-proof brick, face, silica and hard-chrome brick, Magnesite.

part/item code no.	size	arbor	part/item code no.	size	arbor
18350	5⅞"	◆	18352	7¼"	◆
18351	6½"	◆	68070	7¼"	⅝" Rd.
68069	6½"	⅝" Rd.	18353	8¼"	◆
			68071	8¼"	⅝" Rd.

Silicon Carbide Abrasive for Soft and Medium Masonry — for materials such as concrete block, common brick, cinder block, fire clay and refractory brick, limestone, Arizona flagstone, Lannon stone, crab orchard stone; roofing, sewer and structural tile; terra cotta, asbestos cement, insulating brick, sandstone, Austin stone, gypsum. fiberglass.

part/item code no.	size	arbor	part/item code no.	size	arbor
18354	5⅞"	◆	18357	8¼"	◆
18355	6½"	◆	68074	8¼"	⅝" Rd.
68072	6½"	⅝" Rd.	18358	9"	◆
18356	7¼"	◆	18359	10"	◆
68073	7¼"	⅝" Rd.	18360	12"	◆

METAL CUTTING

Aluminum Oxide Abrasive for Hard Metals—for all ferrous metals (steel, cast iron) and hard non-ferrous metals such as hard brass, hard aluminum, hard bronze.

part/item code no.	size	arbor	part/item code no.	size	arbor
18366	6½"	◆	68076	7¼"	⅝" Rd.
68075	6½"	⅝" Rd.	18368	8¼"	◆
18367	7¼"	◆	68077	8¼"	⅝" Rd.
			18369	9"	◆
			18370	10"	◆

Aluminum Oxide Abrasive for Very Hard Metals — have five layers of interwoven Nylon Cord for extra long life when cutting stainless steel and other hard metals.

part/item code no.	size	arbor	part/item code no.	size	arbor
29727	6½"	◆	11641	8 ¼"	◆
11640	7¼"	◆	11642	9"	◆

Silicon Carbide Abrasive for Soft Metals — for soft non-ferrous metals such as soft aluminum, soft bronze, soft brass.

part/item code no.	size	arbor	part/item code no.	size	arbor
18354	5⅞"	◆	18357	8¼"	◆
18355	6½"	◆	68074	8¼"	⅝" Rd.
68072	6½"	⅝" Rd.	18358	9"	◆
18356	7¼"	◆	18359	10"	◆
68073	7¼"	⅝" Rd.	18360	12"	◆

*NOTE: Arbor adapters are available to permit use of diamond arbor cut-off wheels on saws with round arbors. Ask for No. 17009 Adapter to convert to ½" round arbor. No. 17010 Adapter to convert to ⅝" round arbor.

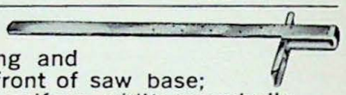
NOTE: Before using any cut-off wheel always be sure its maximum safe operating speed (shown on wheel blotter) is not exceeded by the free speed of the tool (shown on name-plate). Use only on tools with proper safety guards.

SAW CARRYING CASES

Roomy, durable carrying cases made of heavy gauge steel with special brackets to protect saw and blades against weather, rust, dirt; eliminates possibility of saw snagging clothing, upholstery.

part/item code no.	for SKILSAW model (all types)
25198	367, 77, 825
4524	107
26099	416, 417, 533, 534, 536, 537, 552, 553, 554, 559, 574, 856, 857, 858
22740	860

ADJUSTABLE RIP FENCES



Eliminate repeated measuring and marking on rip work. Fit on front of saw base; guide saw accurately to cut uniform width repeatedly.

part/item code no.	for SKILSAW model
13896	367 (types 1, 4 & up) 77 (types 7, 8, 9, 12 & up) 825 (types 5, 6, 7, 10 & up)
25341	552 (types 6 & up) 553 (types 3 & up) 554 (types 3 & up) 856, 857, 858, 860 (all types) 367 (types 2 & 3) 77 (types 10 & 11) 825 (types 8 & 9) 537 (types 1-3)
154	107 (all types)
17984	416, 417, 533, 534, 536 (all types) 537 (type 4 & up) 559, 574 (all types)

NO. 266 BLADE STUD WRENCH

For use on all Skilsaw models with blade diameters from 5⅞" to 12".

NO. 13802 MITER GUIDE

A really practical accessory for every wood cutting job. Set it at a desired angle just once, and you can make any number of cuts at precisely that same angle. Eliminates time spent in figuring angles and plotting layouts.

"WRAP-AROUND" FOOT

For Skil Top-Handle Super-Duty Saws. Provide additional support and cutting ease where desired. Interchangeable with standard foot.

part/item code no.	for top-handle model
24147	856 857 (type 2 & up)
25137	858
23508	860

SKILSAW DIAMOND TO ROUND ARBOR CONVERSION

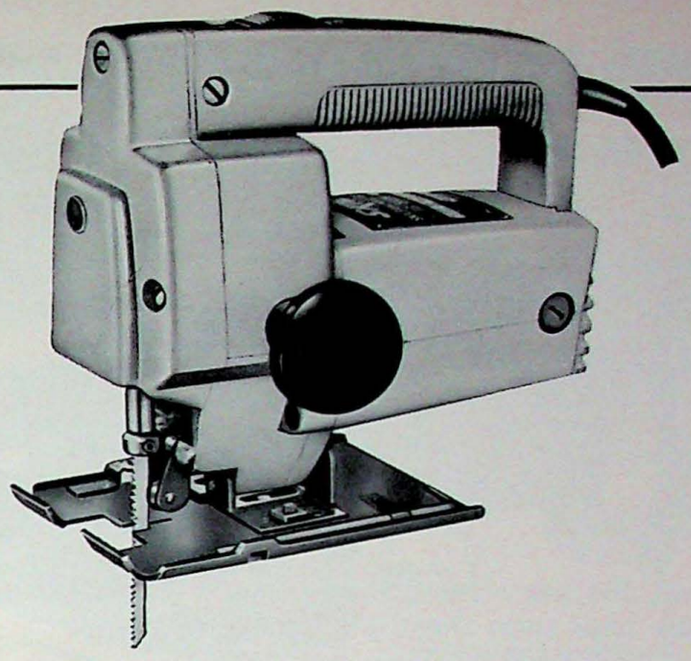
Changes SKILSAW diamond arbor saws to round arbors. Order pair of washers (inner and outer) as indicated.

adapter washer part/item code no.	for converting diamond arbor SKILSAW model	to following rd. arbor, inches
20636 (Outer) 23407 (Inner)	367 (types 2 & up) 77 (types 10 & up) 825 (types 8 & up)	⅝
20636 (Outer) 24144 (Inner)	856 (type 1) 857 (type 1 & 2)	⅝
18261 (Outer) 18262 (Inner)	858 (type 1 & 2)	⅝
18261 (Outer) 22724 (Inner)	860 (type 1 & 2)	¾

LUBRICANTS — For Circular Saws	part/item code no.
Models 856, 857, 858, 860, 552, 553, 554	252 5⅜ oz. tube 251 2 lb. can
Models 77 type 3 up, 107, 117, 127, 367, 825	249 5⅜ oz. tube 264 pint 267 ½ gal. can

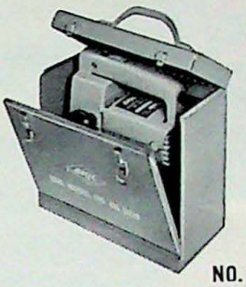
SKIL JIG SAW

Fastest cutting jig saw on the market! Orbital blade action moves blade into work on upstroke; backs off on downstroke. Cuts faster with far less blade drag. Extra long stroke distributes wear over more blade for longer life. Has two speeds for cutting steel and aluminum, wood, plastic and compositions. Rips, cross cuts, plunge cuts, notches, scrolls, bevel cuts. Heavy-duty construction for accurate, continuous service. Superb balance for easiest handling.



MODEL 160 2-Speed, Heavy Duty

- Capacities: 2½" in wood; ¾" in aluminum; ¼" in steel
- 3-position foot adjustment for splinter-free cutting. Adapters not required
- 45° bevel adjustment, left or right
- Saw dust blower keeps line of cut clean
- Side handle mounts on either side
- Counter-balanced gears for smooth power transmission
- Full 1" orbital-action stroke



NO. 25605 Convenient carrying case, order separately.

SPECIFICATIONS

switch: AC only. Slide type for selecting off, low or high speed.

bearings: 2 ball; 4 needle; 4 oil impregnated.

equipment: hex wrench, blade, side handle.

model / item code no.	length of stroke	90° cutting capacities in wood	90° cutting capacities in aluminum	90° cutting capacities in steel	45° capacity in wood	strokes per minute high speed	strokes per minute low speed	amp rating at 115V	overall length	net wgt. lbs.	shpg. wgt. lbs.
160	1"	2½"	¾"	¼"	2"	3200	2600	3.5	8"	6¾	8½

JIG SAW ACCESSORIES

No. 22610 WRENCH — For mounting blades on Model 160 Jig Saw.

LUBRICANT for Model 160, **NO. 251**—2 lb. can **NO. 252**—5⅜ oz. tube

No. 73218 RIP FENCE & CIRCLE CUTTING GUIDE.

SKIL JIG SAW BLADES

Packaged 5 each in handy vinyl pocket pouch.

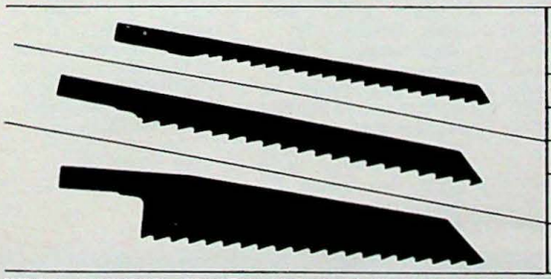
HEAVY-DUTY INDUSTRIAL QUALITY

Made with high speed heavy gauge steel to minimize breakage. Stay sharp longer than ordinary blades.

METAL CUTTING BLADES — for ferrous metals including mild steel, galvanized sheet; non-ferrous metals including aluminum, brass and copper.

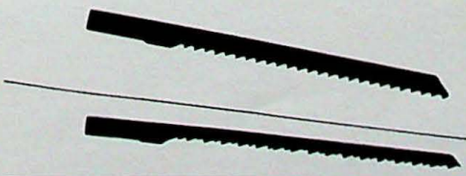
part / item code no.	teeth per inch	length	recommended use
24084	10	3¾"	¼" to ½" ferrous; 3/16" to ¾" non-ferrous.
24085	14	3¾"	3/16" to ¼" ferrous; less than ¼" non-ferrous.
24086	18	3⅜"	⅛" to 3/16" ferrous.
24087	32	3⅜"	Less than ⅛" ferrous.

WOOD, PLASTIC AND COMPOSITION CUTTING BLADES — coarse tooth design for fastest cutting in ⅜" or thicker material.



part / item code no.	teeth per inch	length	recommended use
22644	6	4⅜"	Set tooth blade for fast scroll cutting, or "roughing-in" work.
22650	6	4⅜"	Hollow ground blade for extra-smooth finish.
22652	6	4⅜"	Extra wide set tooth blade for straight cutting.
22651	6	4⅜"	Hollow ground, extra-wide blade for smooth finish, straight cutting.
24088	6	4⅜"	Set tooth flush cutting blade ¾" wide, extends to front of jig saw foot, permits cutting up to corners, vertical surfaces.

WOOD, PLYWOOD, PLASTIC AND COMPOSITION CUTTING BLADES — Fine tooth design for fast smooth finish cutting in ½" or thinner material.

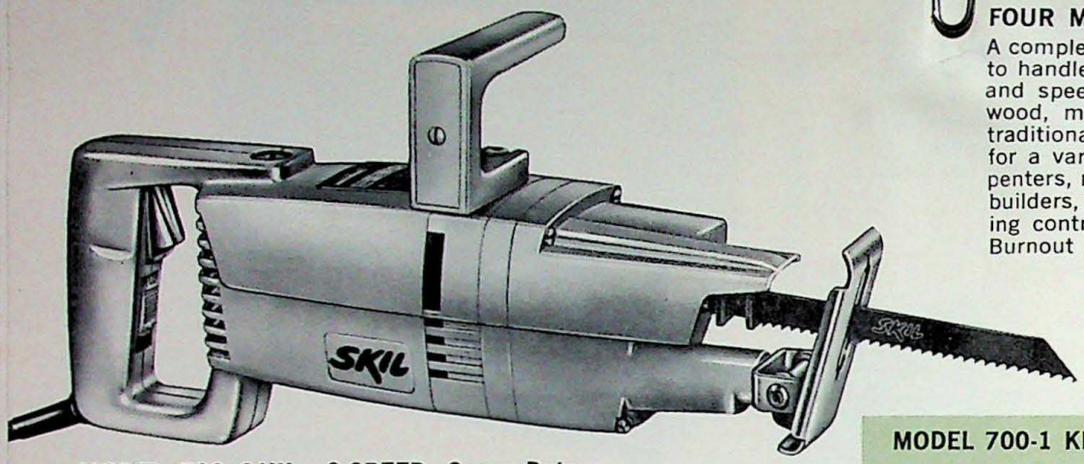


part / item code no.	teeth per inch	length	recommended use
22649	10	3¾"	Fast scroll cutting set tooth blade hardened for long life in hard compositions (Masonite, etc.) and hard plastics (Formica, etc.)
22645	10	3¾"	Hollow ground for smooth finish cutting in plywood, plastics, veneers and hard compositions. Best blade for Formica; other plastic laminates.
24089	10	4⅜"	Extremely narrow set tooth blade for tight, intricate scroll cutting.

KNIFE BLADE

part / item code no.	teeth per inch	length	recommended use
69096	—	4¼"	For cutting leather, rubber, cardboard, cork, felt and insulating material.

SKIL RECIPRO SAWS



FOUR MULTI-SPEED, SAW OR KIT MODELS

A complete line of aluminum housed Recipro Saws to handle every cutting need. Select proper blade and speed for fast cutting of many materials — wood, metal or composition. All models include traditional Skil quality features. Each is excellent for a variety of cutting jobs encountered by carpenters, maintenance men, plumbers, electricians, builders, sheet metal workers, heating and ventilating contractors. All have Skil heavy-duty "Super Burnout Protected" Motors.

MODEL 700 SAW — 2-SPEED, Super Duty

- **High speed** (3500 SPM) for fastest cutting in wood, compositions and plastics
- **Low speed** (2600 SPM) for stainless steel, hard alloys, cast iron, drywall, transite or other abrasive type materials

MODEL 700-1
MODEL 701-1
MODEL 703-1

MODEL 700-1 KIT — 2-SPEED, Super Duty

- Includes Model 700 saw with two blades, roomy steel carrying case, wrench and wrench holder

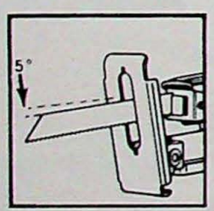
MODEL 701-1 KIT — METAL CUTTING, 2-SPEED, Super Duty

- Two speeds — 1000 and 1400 SPM
- Low speed is for stainless steel, other hard alloys
- High speed cuts mild steel and non-ferrous metals fast
- Includes Model 701 Recipro Saw, 2 blades, roomy steel carrying case, wrench and wrench holder

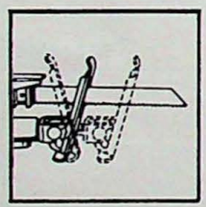
MODEL 703-1 KIT — 4-SPEED, Super Duty

- Adaptable for cutting a wide variety of materials
- Solid State thumb-tip speed control module is totally enclosed with electronic "feed back" to maintain a near constant speed under load. Select any of four no-load speeds from 1300 to 3400 strokes per minute
- Includes Model 703 Recipro Saw, 2 blades, roomy steel carrying case, wrench and wrench holder

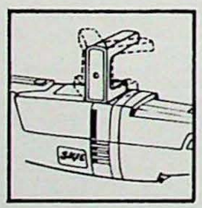
CHECK THESE FEATURES



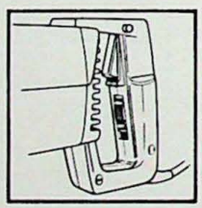
CANTED BLADE—Blade is angled 5° to clear work on return stroke for faster, cleaner cutting, longer blade life.



MULTI-POSITION FOOT — Adjusts in or out to expose unused portion of blade; prolongs blade life. Foot pivots on hinge for cutting at various angles and for "rocking" to speed cut.

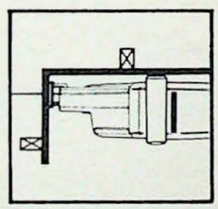


MULTI-POSITION TOP HANDLE — Adjusts for convenience of right or left hand operators. Removable for use in tight spots. Provides positive control.



CONVENIENT TWO-SPEED SELECTION (Models 700 and 701) Finger-tip slide switch in handle selects speed for any cutting job. Trigger type "ON-OFF" switch locks in selected speed.

SOLID STATE ELECTRONIC SPEED CONTROL (Model 703) — **High speed** for wood, soft compositions; **medium high speed** for soft aluminum, Formica; **medium low speed** for hard aluminum, copper, mild steel; **low speed** for hard metals, stainless steel.



OFF CENTER BLADE — For cutting close to walls, corners. Blade may be mounted with teeth facing up or down. Flush cutting attachment is also available (see page 22).

SPECIFICATIONS

switch: Enclosed momentary contact trigger type with locking button and 2 position speed selector, AC only; except Model 703-1 has 4 position electronic speed selector, AC, 50-60 Hz only.

bearings: Models 700, 700-1, 703-1—4 ball, 2 needle, 3 oil impregnated. Model 701-1—6 ball, 2 needle, 3 oil impregnated

equipment: Model 700 includes blade, wrench and wrench holder. Models 700-1, 701-1 and 703-1 includes Recipro Saw, 2 blades, steel carrying case, wrench and wrench holder.

model/item code no.	length of stroke, inches	strokes per minute, no load		amp rating at 115V high speed	overall length, inches	tool wgt. lbs.	shpg. wgt., lbs.
		low speed	high speed				
700	13/16	2600	3500	6.0	15⅝	9½	12
700-1	13/16	2600	3500	6.0	15⅝	9½	18½
701-1	13/16	1000	1400	6.0	16"	10	18½
703-1	13/16	1300 and 2000	2800 and 3400	6.0	15⅝	9½	18½

For Accessories & Blades, See Page 22

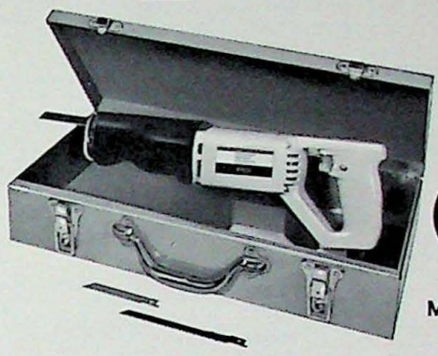
SKIL DOUBLE-INSULATED RECIPRO SAWS

NEW!

MODEL 474

FOUR NEW DOUBLE INSULATED SAW OR KIT MODELS

Built for the professional, new Skil Double-Insulated Recipro Saws provide added electrical protection when grounding is inconvenient. Single speed Model 472 operates at 2400 SPM for fast cutting. All-Speed Adjustable Trigger Speed Control Model 474 is ideal for cutting virtually any material with speeds from 0 to 2400 SPM. Cut anywhere too — into walls, in corners, flush to floors — on construction site, in plant or shop. These are ideal tools for electricians, plumbers, carpenters, sheet metal workers. All have heavy duty "Super Burnout Protected" motors and ruggedly built housings, yet are lightweight for less user fatigue.



NEW!

MODEL 72883 KIT

MODEL 474 — ALL-SPEED 0 to 2400 SPM, Super Duty

- With Adjustable Trigger Speed Control—Dial Adjusting Knob to desired speed; or squeeze Trigger Speed Control switch for speed suited to material. Trigger can be locked at any preset speed with locking button
- Use high speeds for wood, soft compositions; intermediate speeds for aluminum, Formica, copper and Masonite; low speeds for cutting hard metals and alloys, stainless steel, cast iron, soil pipe, asbestos

MODEL 72883 KIT — ALL-SPEED, Super Duty

- Includes All-Speed Model 474 Recipro Saw, 2 blades, roomy steel carrying case, wrench and wrench holder

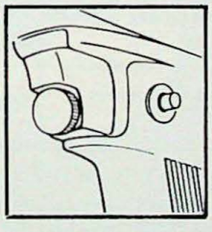
MODEL 472 — SINGLE SPEED 2400 SPM, Super Duty

- Has all advanced features of Model 474 but operates at a single speed only.
- For fast, easy cutting of wood and many other materials
- Powerful 6 amp Super Burnout Protected Motor for heavy duty performance

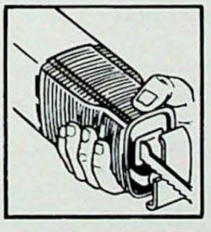
MODEL 72882 KIT — SINGLE SPEED, Super Duty

- Includes Model 472 Recipro Saw, 2 blades, roomy steel carrying case, wrench and wrench holder

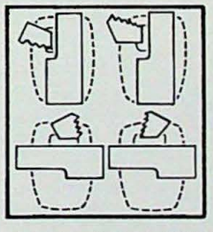
CHECK THESE FEATURES



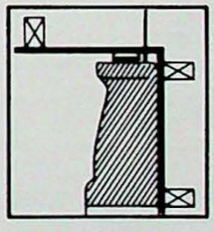
ADJUSTABLE TRIGGER SPEED CONTROL — (Model 474) Apply finger pressure for any speed to 2400 SPM . . . or dial "Adjusting Knob" to specific speed. "Squeeze" the trigger and set locking button to hold selected speed.



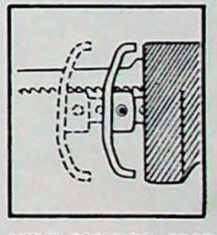
POSITIVE-GRIP FRONT HOUSING — Provides for maximum control. Eliminates need of side auxiliary handle. Permits use of tool in tight spots, around machinery, plumbing, etc.



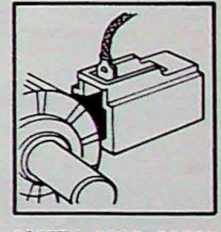
BLADE MOUNTS FOUR WAYS — Foot swivels on mounting shaft to position blade with teeth facing up, down or to either side.



OFF CENTER BLADE — For cutting close to walls, corners, in other tight spots.



MULTI-POSITION FOOT — Foot adjusts in or out to expose unused portion of blade. Prolongs blade life.



SAFETY STOP BRUSH SYSTEM—Worn brushes cannot damage armature.

SPECIFICATIONS

switch: Model 472. Momentary contact trigger type with locking button.
Model 474. SKIL Trigger Speed Control with adjusting knob and locking button, AC, 50-60 Hz only.

bearings: 3 ball; 1 needle; 2 oil impregnated.

equipment: Models 474, 472 include blade, wrench and wrench holder.
Models 72883, 72882 Kits include Recipro Saw, 2 blades, roomy steel carrying case, wrench and wrench holder.

model/item code no.	length of stroke, inches	strokes per minute, no load speed	amp rating at 115V	overall length, inches	tool wgt. lbs.	shpg. wgt., lbs.
472	1	2400	6.0	16¼	7¼	9
72882	1	2400	6.0	16¼	7¼	16
474	1	0 to 2400	5.0	16¼	7¼	9
72883	1	0 to 2400	5.0	16¼	7¼	16

For Accessories & Blades, See Page 22

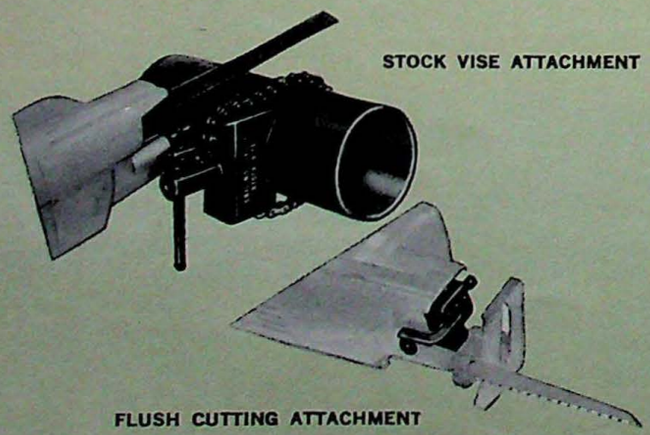
SKIL RECIPRO SAW ACCESSORIES

BLADES Packaged 10 per carton

For all Skil Recipro Saws and most other makes of reciprocating saws. Metal cutting blades are top quality, long life, high speed steel. All other blades are tough, resilient, chrome alloy or high carbon alloy steel.

Order Saw Blades in quantity, see price list for quantity discounts.

illustration	part/item code no.	teeth per inch	overall length inches	recommended use	blade color
METAL CUTTING	23607	10	4	Ferrous metals ¼" or thicker; non-ferrous metals ⅛" or thicker. Use 8" blade for cutting cast iron, steel pipe to 5" diameter.	red
	23608	10	6		
	23609	10	8		
	20548	14	4	Ferrous metals 3/16" to ¼" thick, non-ferrous metals less than ⅛".	
	20359	14	6		
	20546	18	4	Ferrous metals 1/16" to 3/16" thick.	
	20360	18	6		
	20544	24	4	Ferrous metals less than 1/16" thick.	
	45083	32	4	Very light gauge sheet metal, tubing, trim, etc.	
METAL SCROLL CUTTING	23610	10	4	Metals, ferrous sheet ¼" or thicker; non-ferrous metals ⅛" or thicker.	
	20549	14	4	Ferrous metals 3/16" to ¼"; non-ferrous metals under ⅛".	
	20547	18	3¼	Ferrous sheet metal 1/16" to 3/16" thick.	
	23711	18	4		
	20545	24	3¼	Ferrous sheet metal less than 1/16" thick.	
WOOD ROUGHING-IN	25921	3½	6	Fastest cutting in 1" or thicker wood. Use for notching timbers; cutting green, wet or fibrous wood; limbing trees.	
	25922	3½	9		
	25923	3½	12		
	20539	6	6	Fast cutting in hardwood, plastic and hard composition board. Keyhole type blade. Nos. 20539, 20540 are narrow-width blades; Nos. 20572, 20573 are tapered-back blades.	
	20540	6	12		
	20572	8	6		
	20573	8	12		
DOUBLE EDGE	20550	7	4⅛	For making cuts in corners and tight spots. Sawing back to a line when plunge cutting.	black
WOOD SCROLL CUTTING	20538	6	4	Set tooth blade for fast curved or irregular shaped cuts in wood, compositions.	
	20537	8	4	Hollow ground blade for smooth cuts in curved or irregular shapes in wood, compositions.	
MULTI-PURPOSE	20356	6	6	Tough, economy blades for fast roughing-in. Cut most materials including wood and where nails are occasionally encountered; soft metals. Use 6-tooth blades for ½" or thicker materials. 10-tooth blades for materials under ½" thick.	blue
	23605	6	12		
	20541	10	4		
	20542	10	6		
	20543	10	12		
PLASTER CUTTING	23606	6	6	Plaster and lath, plasterboard and many other abrasive materials.	white
	23612	6	4		
KNIFE BLADE	45084	—	4	Cardboard, paper, cork, rubber, leather, felt and other similar materials.	silver
PRUNING	26228	6	12	For pruning trees and shrubs.	green



STOCK VISE ATTACHMENT

FLUSH CUTTING ATTACHMENT

NO. 24301 STOCK VISE ATTACHMENT

Has super-strong hardened steel V-clamp.

Threads into Model 700-Type 2 or 701 and 703 Recipro Saw in place of regular foot assembly to provide a rugged, built-in vise! Clamps bar stock, pipe, angle iron securely for fast, accurate cutting with less vibration. Holds stock from ⅜" to 5" diameter.

NO. 24300 FLUSH CUTTING ATTACHMENT

Use with Models 700 (type 2 only) 701 and 703 Recipro Saws for cutting absolutely flush to walls, floors, ceilings, any vertical or right angle surface. Quickly clamps on reciprocating shaft for off center blade mounting, clear of saw housing.

NO. 24799 CARRYING CASE

For 700, 701 and 703 models. Heavy gauge steel. Holds Recipro Saw and all accessories.

LUBRICANTS — for Recipro Saws listed on Pages 20-21.

No. 252—5⅜ oz. tube

No. 251—2 lb. can

GASOLINE POWERED

CHECK THESE FEATURES

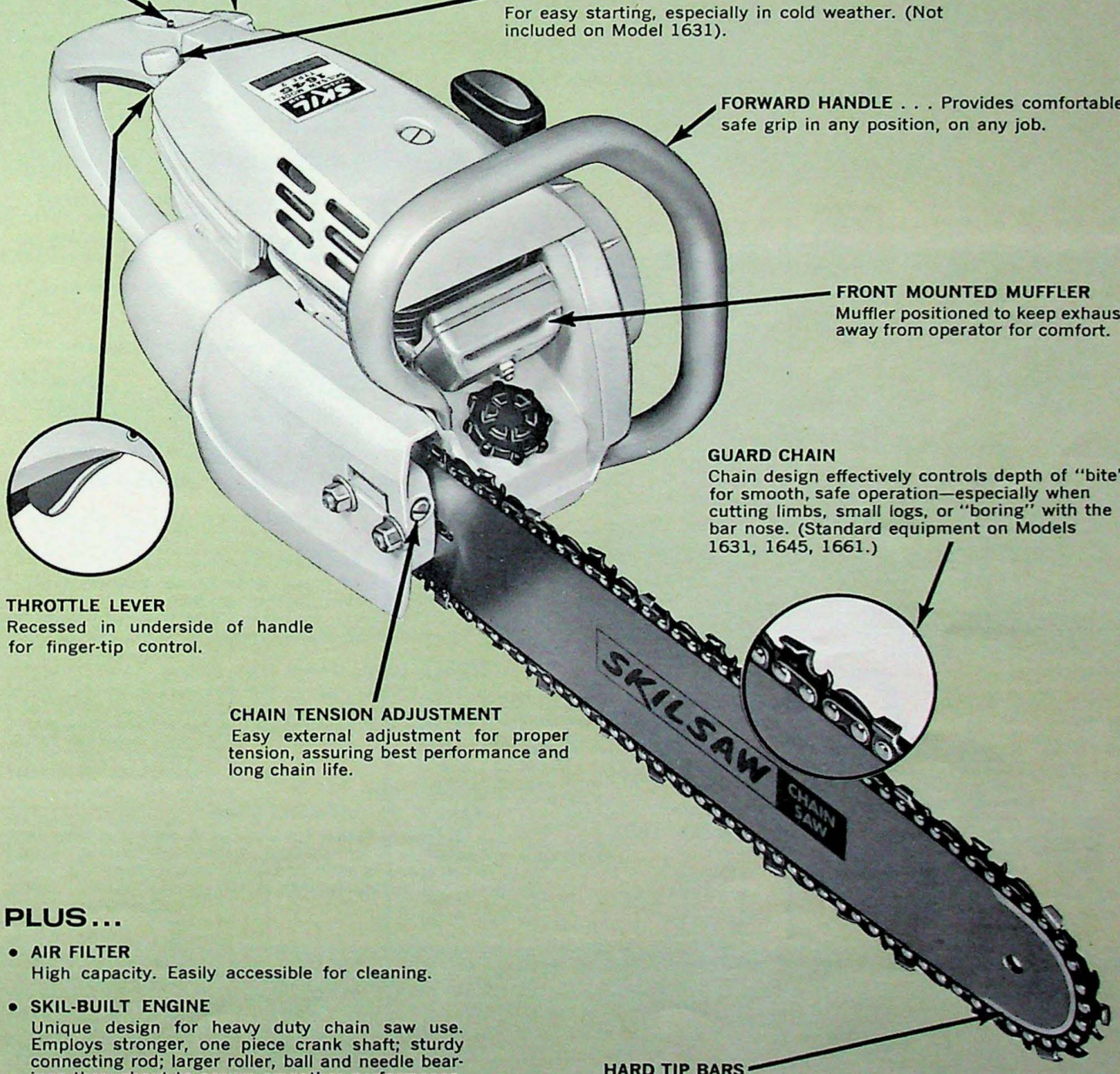
Skilsaw Chain Saws offer more of the features required by professional users such as engines that have one third more displacement for extra power; large fins that keep engines cool during long periods of operation; reborable cast iron cylinders; piston ported engines that produce flat power curve; light weight magnesium housings to make day long use easier.

Skilsaw Chain Saws are proven tools for loggers, pulpwood producers, contractors clearing land, farmers, emergency services of police and fire departments. The choice of landscapers, campers, homeowners who want the best.

EFFECTIVE CHAIN OILING UNDER ALL CONDITIONS
Chain is continuously oiled automatically during normal cutting. Additional thumb-operated manual oiler delivers extra oil for tough cuts. (Model 1631 has manual oiler only.)

IGNITION SWITCH
Recessed in handle.

FUEL PRIMER
For easy starting, especially in cold weather. (Not included on Model 1631).



FORWARD HANDLE . . . Provides comfortable, safe grip in any position, on any job.

FRONT MOUNTED MUFFLER
Muffler positioned to keep exhaust away from operator for comfort.

GUARD CHAIN
Chain design effectively controls depth of "bite" for smooth, safe operation—especially when cutting limbs, small logs, or "boring" with the bar nose. (Standard equipment on Models 1631, 1645, 1661.)

THROTTLE LEVER
Recessed in underside of handle for finger-tip control.

CHAIN TENSION ADJUSTMENT
Easy external adjustment for proper tension, assuring best performance and long chain life.

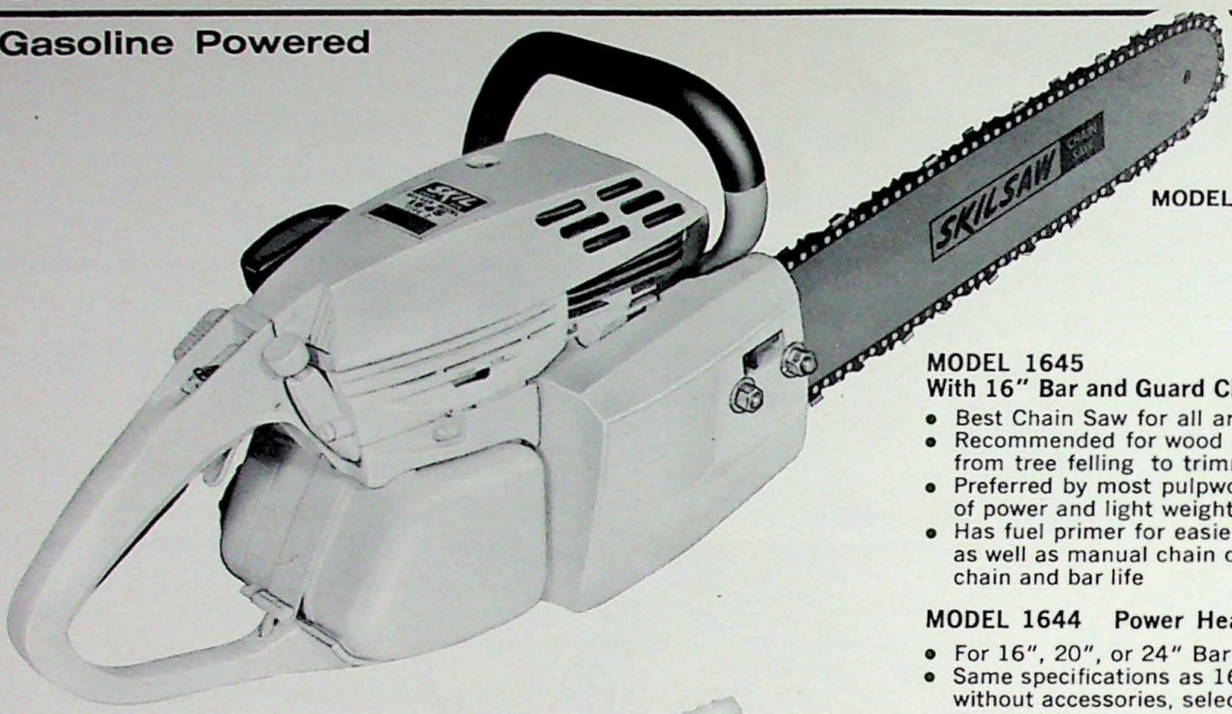
PLUS...

- **AIR FILTER**
  High capacity. Easily accessible for cleaning.
- **SKIL-BUILT ENGINE**
  Unique design for heavy duty chain saw use. Employs stronger, one piece crank shaft; sturdy connecting rod; larger roller, ball and needle bearings throughout to assure smoother performance, cooler running, and longer life.
- **ALL ATTITUDE CARBURETOR** with convenient external adjustments. Operates efficiently in any position.

HARD TIP BARS
Skilsaw units have two welded Stellite inserts on the nose of the bar for greatly increased durability.

SKILSAW CHAIN SAWS

Gasoline Powered



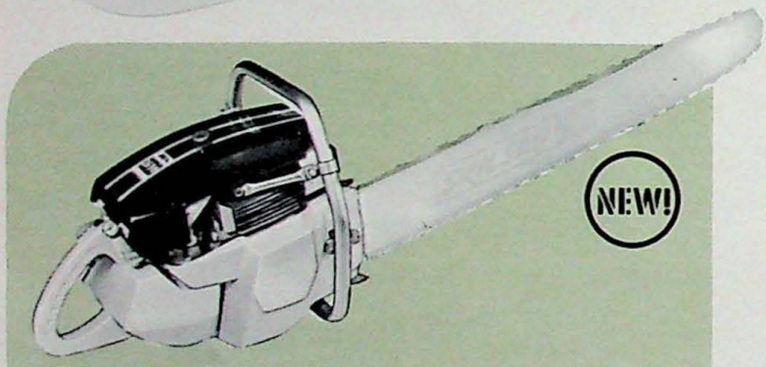
MODEL 1645

MODEL 1645
With 16" Bar and Guard Chain

- Best Chain Saw for all around service
- Recommended for wood cutting— from tree felling to trimming
- Preferred by most pulpwood cutters because of power and light weight
- Has fuel primer for easier starts; automatic as well as manual chain oiler for maximum chain and bar life

MODEL 1644 Power Head Only

- For 16", 20", or 24" Bar and Chain
- Same specifications as 1645 but supplied without accessories, select chain and bar to fit your needs



MODEL 1690 Power Head Only
Most powerful performer in a light weight direct drive chain saw

- For 24" through 60" bars and chain
- A big timber saw — features 8.5 cubic inch engine for tremendous power
- Has fuel primer, automatic as well manual chain oiler
- Large 3 pint fuel capacity

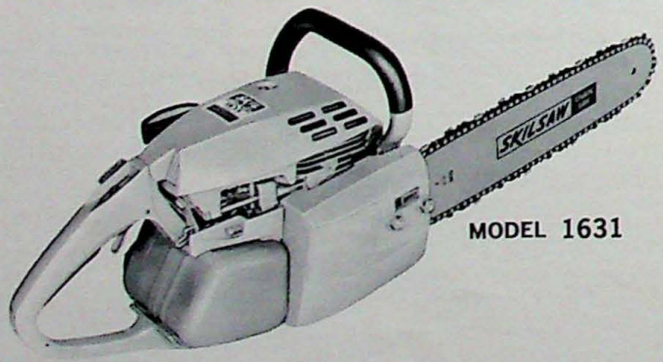
MODEL 1661

MODEL 1661
With 20" Bar and Guard Chain

- Has additional power for increased production
- Excellent felling, bucking and limbing chain saw
- Has fuel primer for easier starts; automatic as well as manual chain oiler for maximum chain and bar life

MODEL 1660 Power Head Only

- For 16", 20", 24" or 30" Bar and Chain
- Same specifications as 1661 but supplied without accessories, select chain and bar to fit your needs



MODEL 1631

MODEL 1631
With 16" Bar and Guard Chain

- Similar to Model 1645 except is equipped with choke and manual oiler
- An excellent chain saw for home and farm, or for professional use at lower cost

SPECIFICATIONS: Gasoline Powered Chain Saws

Direct drive, 2 cycle piston ported engine. Automatic recoil starter. Waterproof magneto ignition. All attitude carburetor. 7 tooth sprocket. Stellite tipped guide bar. All have starting primer, automatic and manual oilers except Model 1631 which has choke and manual oiler.

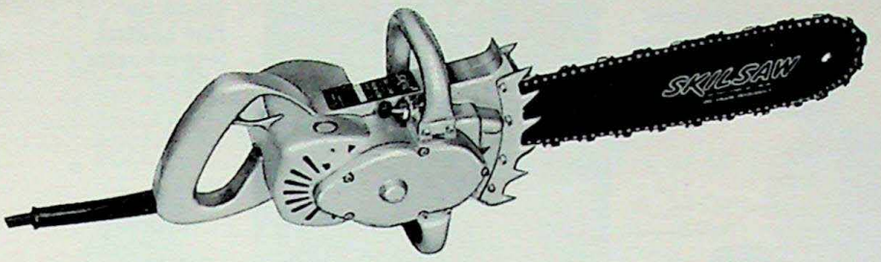
bearings: All ball, roller and needle.

model/item code no.	engine spec. bore & stroke	displacement cu. in.	fuel cap. pts.	chain oiler cap. pts.	chain & bar supplied	chain pitch	chain gauge	guide bar	dry wt. less bar & chain	shpg. wt. lbs.
1631	2 1/16" x 1 1/4"	4.2	1.9	1/2	16"	3/8"	All .058	All hard tip	13 1/2	19 1/2
1645	2 1/16" x 1 1/4"	4.2	1.9	1/2	16"	3/8"			13 3/4	19 3/4
1644*	2 1/16" x 1 1/4"	4.2	1.9	1/2	—	3/8"			13 3/4	16 3/4
1661	2 5/16" x 1 3/8"	5.8	1.7	2/5	20"	3/8"			16 1/2	22 1/2
1660*	2 5/16" x 1 3/8"	5.8	1.7	2/5	—	3/8"			16 1/2	19 1/2
1690*	2 11/16" x 1 1/2"	8.5	3.0	3/5	—	.404			24	27

*Power Head only — Order Bar and Chain separately

SKILSAW CHAIN SAWS

Electric Powered



MODEL 606 with 20" Bar and Chain

- Powerful electric motor for cutting ability and convenience
- Preferred on many construction jobs and by landscapers, tree trimmers, homeowners
- Wrap-around handle for easy cutting at any angle
- Extra-long bucking spike
- Skil quality .058 gauge chain — heat treated steel bar
- Gear drive, 6-tooth sprocket
- Push button chain oiler with 1/5 pint oil chamber

MODEL 605 with 14" Bar and Chain

- Has same features as Model 606 but with shorter bar and chain

SPECIFICATIONS — Electric Powered Chain Saws

switch: enclosed momentary contact trigger type.

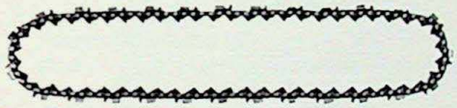
bearings: 3 ball; 3 needle.

equipment: extra-long bucking spike, bar, saw chain.

model/item code no.	free speed of chain, ft. per min.	amp rating at 115V	generator size required	chain pitch	chain gauge	dry wt. less bar & chain	shpg. wt. lbs.
605 606	1150	10	1500 watts*	3/8"	.058	14½ 15	22½ 23

*Continuous output at full rated voltage of saw.

CHAIN SAW ACCESSORIES



SAW CHAIN —

.058 Gauge except when noted

- Precision ground, hard chrome plated, razor sharp cutters for longer life. Narrow kerf, easy filing, self cleaning cutter design.
- Guard chain has specially shaped tang for controlled tooth bite to minimize "kick-back".
- Standard chain is preferred by some professional loggers for fast cutting.
- For best performance and most economical service, we recommend that a new sprocket be installed with each new chain.

part/item code no.	description	no. of drive links	pitch	use on models
225554	16" Std. Chain	60	3/8"	1631, 1644, 1645, 1660, 1661
225555	20" Std. Chain	70		
225556	24" Std. Chain	83		
225557*	30" Std. Chain	101		
226554	16" Guard Chain	60		
226555	20" Guard Chain	70		
226556	24" Guard Chain	83		
226557*	30" Guard Chain	101		
*For use on Models 1660, 1661 only.				
228556	24" Std. Chain	77	.404	1670, 1680 1690
228557	30" Std. Chain	93		
228559	36" Std. Chain	105		
228560	42" Std. Chain	125		
228561	48" Std. Chain	140		
229556	24" Guard Chain	77		
229557	30" Guard Chain	93		
229559	36" Guard Chain	105		
231556	24" Std. Chain	62	½"	1685, 1686, 1687 1690 (with optional sprocket No. 270662)
231557	30" Std. Chain	75		
231559	36" Std. Chain	84		
231560	42" Std. Chain	100		
231561	48" Std. Chain	112		
231563	54" Std. Chain	124		
231564	60" Std. Chain	140		
301119	14" Std. Chain	54	3/8"	605—type 5
225555	20" Std. Chain	70		606—type 5
301134†	14" Std. Chain & Sprocket	54	3/8"	605 types 1 thru 4A
301135†	20" Std. Chain & Sprocket	70		606 types 1 thru 4A

†.050 Gauge

REELS — Saw Chain

In convenient, easy-to-dispense spools. All chain is .058 gauge and includes joining kits. Permits make up of loops for bar lengths other than standard. Use for all .058 gauge chain makes.

part/item code no.	pitch	chain reel, length
72900	3/8"	25'
72901	3/8"	50'
72902	3/8"	100'
72903	3/8" Guard Chain	25'
72904	3/8" Guard Chain	50'
72905	3/8" Guard Chain	100'
72906	.404	25'
72907	.404	50'
72908	.404	100'
72910	½"	50'

GUIDE BARS

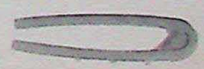
Bars with hard tip Stellite nose welded in place are shown "H.T." for standard length and "H.T.I." for bars with extra long industrial nose rail.

part/item code no.	description	use on models
227416	16" Guide Bar, H.T.	1631, 1644, 1645, 1660, 1661
227420	20" Guide Bar, H.T.	
227424	24" Guide Bar, H.T.	
227430	30" Guide Bar, H.T.	
228424	24" Guide Bar, H.T.I.	1690, 1670, 1680
228430	30" Guide Bar, H.T.I.	
228436	36" Guide Bar, H.T.I.	
228442	42" Guide Bar, H.T.I.	
228448	48" Guide Bar, H.T.I.	
228454	54" Guide Bar, H.T.I.	
228460	60" Guide Bar, H.T.I.	
301117	14" Bar	605 type 5
301118	20" Bar	606 type 5
11220	14" Bar (For .050 Gauge Chain)	605 type 1 through 4A
11698	20" Bar (For .050 Gauge Chain)	606 type 1 through 4A

SPROCKETS

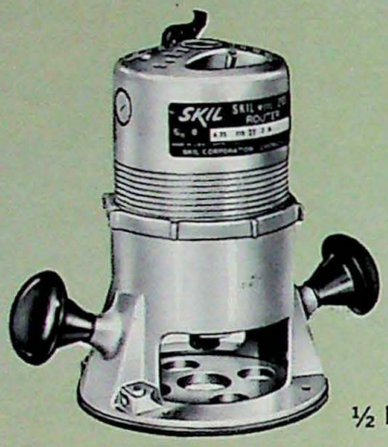
178653	7-Tooth	1631, 1644, 1645
188651	7-Tooth	1660, 1661
177651	8-Tooth	
270645	7-Tooth (.404 pitch)	1690
270662	6-Tooth (½" pitch)	
301114	6-Tooth	605 & 606 type 5
11206*	6-Tooth	605 & 606 (types 1 thru 4)

*No. 11206 Sprocket for use with former 11630 and 12680 chains only.

part/item code no.	description	use on models
BUCKING SPIKES		
178799	Standard	1631, 1644, 1645
177345	Standard	1660, 1661
270341	Standard	1690
275341	Deep Western	1690
HANDLES		
178616	Wrap-Around	1631, 1644, 1645
177616	Wrap-Around	1660, 1661
276625	High Wrap-Around	1690
275768	Flush Cut	1690
FILES — 7/32" DIAMETER		
73169	File	For All Current Chain
73171	File, Holder & Handle	
OIL FOR ENGINE & CHAIN		
Specially Compounded Chain Saw Oil.		
72781	Pint	All models
72782	½ Gallon	
CHAIN GUARD SHEATH		
910046	Protects chain when mounted on bar.	1631, 1644, 1645 1660, 1661
GUIDE PLATE		
177160	Provides channel for chain oil to enter bar	1631, 1644, 1645
SPARK ARRESTOR		
178632	Minimizes fire hazard in dry timber	1631, 1644, 1645
177749		1660, 1661
281749		1690
BUMPER PLATE		
177344	For free, fast cutting in place of bucking spike	1660, 1661
CHAIN SAW CARRYING CASE		
73215	Provides room for saw, extra bars, chains, other accessories	1631, 1644, 1645 with 16" bars

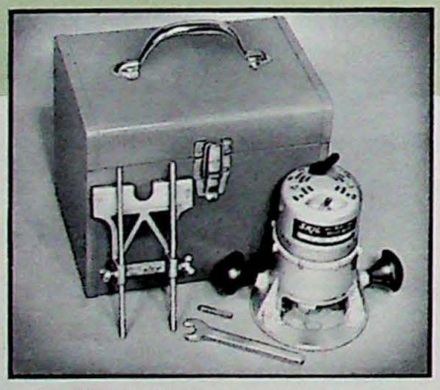
SKIL ROUTERS

Rugged, powerful Skil Routers are designed to give dependable service day after day on production operations. Intricate patterns, template work, dadoing, sink top cutouts, laminate trimming and grooving are just a few of the jobs made easier by Skil Routers. Available in a number of power choices to meet your job requirements exactly. Router bases have machined openings for positioning edge guides. Motor brushes are easily accessible.



MODEL 295
½ HP Heavy-Duty

- Excellent production service capability in a compact, lightweight tool
- Built in chuck lock makes bit changing easy — only one wrench needed
- Switch remains in same convenient position at any setting
- Ideally suited for grooving, beading, trimming, mortising, decorative cuts
- Handles hinge mortising easily
- Router motor also powers No. 3650 Plane attachment shown on Page 27
- See straight and circular edge guide on Page 30
- Two precision, sealed ball bearings

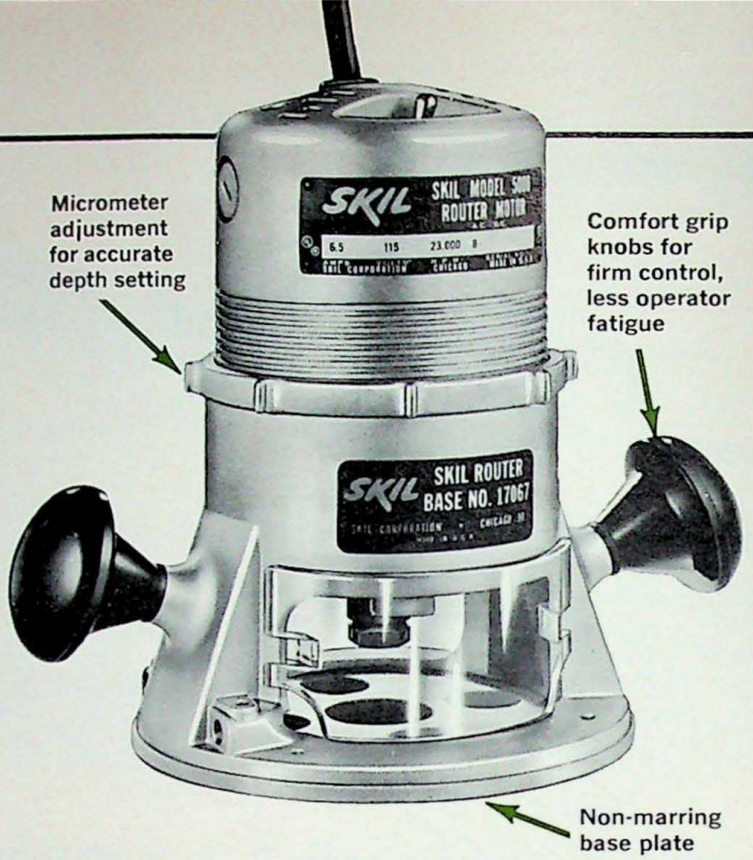


MODEL 297-1 ROUTER KIT

- Includes Model 297, collet wrench, ¼" straight bit, straight and circle edge guide, eyeshield, steel carrying case

MODEL 295-1 ROUTER KIT

- Includes Model 295, collet wrench, ¼" straight bit, straight and circle edge guide, steel carrying case

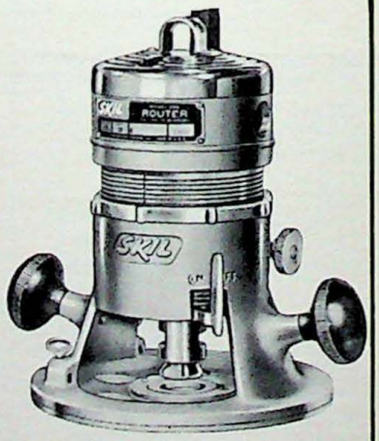

Micrometer adjustment for accurate depth setting
Comfort grip knobs for firm control, less operator fatigue
SKIL
SKIL ROUTER BASE NO. 17067
Non-marring base plate

MODEL 297 ⅞ HP Heavy-Duty

- Best all-around model for general production work
- Built in chuck lock makes bit changing easy — only one wrench needed
- Switch remains in same convenient position at any setting
- Excellent for door and jamb mortising
- Router motor also powers No. 3650 Plate attachment shown on Page 27
- See straight and circular edge guide on Page 30
- Two precision, sealed ball bearings

MODEL 299
1¾ HP Heavy-Duty

- Especially suited for production cabinet shops, furniture manufacturers and for counter-top cut-out and trimming applications
- Thumb reach switch lever — no need to remove hands from handle to operate
- Hanger-eye to suspend router for production line work
- Two heavy-duty precision sealed ball bearings



SPECIFICATIONS

switch: Models 295, 297 recessed toggle
Model 299, "Thumb-reach" Lever type

bearings: All precision, sealed ball type

equipment: Models 295, 297: ¼" collet, collet wrench
Model 297 has transparent eye shield
Model 299 has ¼" and ½" collets, two collet wrenches

model/item code no.	motor HP	no-load speed, RPM	amp rating at 115V	base plate dia. inches	overall height inches	net weight lbs.	shpg. weight lbs.
295	½	23,000	4.7	5⅝	6¾	5½	7
297	⅞	23,000	6.5	5⅝	6¾	6	7½
299	1¾	23,000	12.0	8	9¼	12½	16

Kit Shipping Weight: Model 295-1, 14¾ lbs.; Model 297-1, 15¼ lbs.

For Accessories, See Pages 28 Through 30.

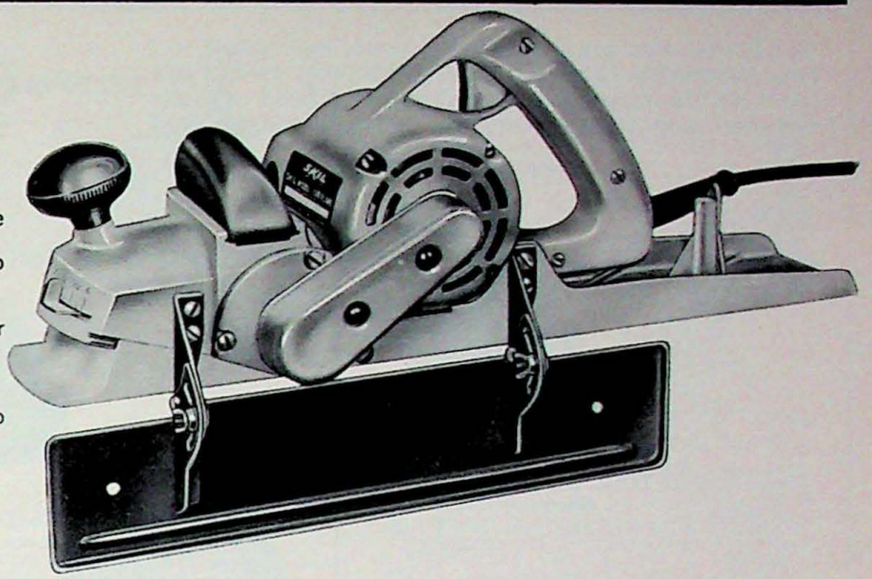
SKIL PLANE

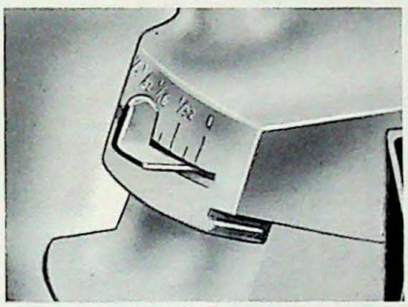
MODEL 100 3" PLANE Heavy Duty

- For edge and surface planing
- Motor-on-top design permits use of tool as surface plane or edge plane
- Fence mounts on either side of plane permitting 0° to 90° adjustment, 45° right or left
- Has cog belt drive requiring no lubrication
- Center line balance with front and rear handle placed for good control — eliminates gouging or uneven cutting

MODEL 100-1 PLANE KIT

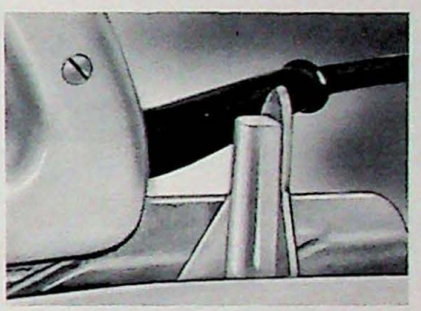
- Same as Model 100 above plus steel carrying case to protect plane when not in use and to carry spare blades





Convenient depth setting lever "clicks" for positive stops in 1/64" increments. Maximum depth setting ⅛".

Chip deflector can be positioned to deflect right or left away from operator.



Cord deflector at rear keeps cord to right or left, away from work.

SPECIFICATIONS

switch: enclosed momentary contact trigger type
bearings: 4 precision sealed ball bearings

equipment: 2 precision ground blades, hex wrench, adjustable edge guide, reversible chip deflector, blade honing bracket, blade adjusting gauge and wing screw, bevel gauge.
Model 100-1 includes above plus No. 6679 carrying case.

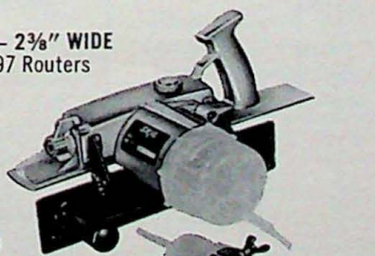
model/item code no.	width of cut, inches	depth of cut, inches	no-load speed cutter head, RPM	amp rating at 115V	overall length inches	net weight lbs.	shpg. weight lbs.
100	3	0 - ⅛	15,000	5.5	17¾	10½	15¼
100-1	3	0 - ⅛	15,000	5.5	17¾	10½*	24

*Tool only

SKIL PLANE ACCESSORIES

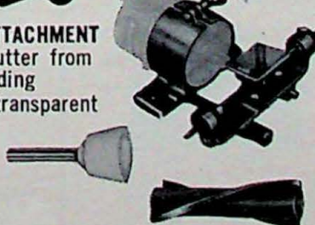
NO. 3650 EDGE PLANE ATTACHMENTS — 2⅜" WIDE
Powered by motor from Model 295 or 297 Routers or order No. 5000 motor separately

- Bevel adjustment from 15° outward to 45° toward plane base
- Thumb-lever micrometer depth adjustment
- Extra-long 16¼" base
- Built-in chip deflector
- Includes spiral cutter, arbor, wrench



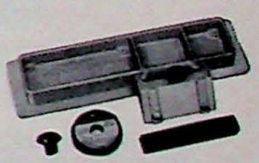
NO. 20750 PLANE CUTTER SHARPENING ATTACHMENT
For fast, accurate sharpening of spiral cutter from No. 3650 Edge Plane. Includes motor holding assembly, grinding wheel guide assembly, transparent eye shield.

NO. 20595 GRINDING WHEEL — For 20750



NO. 20717 — SPIRAL PLANE CUTTER. Replacement for 3650 Plane Attachment. Has precision-ground edges; 5/16" center hole.

NO. 10900 BLADE SHARPENING KIT
Accurately grinds out nicks, restores keen edge to Model 100 plane cutters. Includes blade holder, grinding wheel, arbor, dressing stone and instructions.



REPLACEMENT GRINDING WHEEL
NO. 10623 — For No. 10900 Blade Sharpening Kit

NO. 11628 REPLACEMENT BLADES
Pair of precision hardened steel blades, same as furnished with Model 100 Plane.

For carbide tipped blades used on extremely hard or abrasive non-metallic materials, contact your local SKIL Service Center.

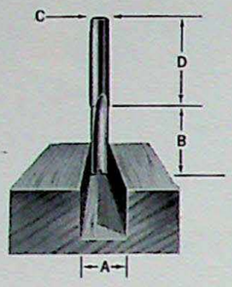
REPLACEMENT DRIVE BELT
NO. 10625 — For Model 100

STEEL CARRYING CASE
NO. 6679 — Same as furnished with Model 100-1

SKIL ROUTER BITS

Skil Router Bits are made of the finest high speed tool steel or carbide for every routing, forming, veneer and laminate trimming application. They have been carefully designed and have accurately machined angles and clearance to insure the retention of their original profile. Controlled hardening and tempering methods guarantee lasting and satisfying service.

STRAIGHT BITS
TWO FLUTES



HIGH SPEED TOOL STEEL

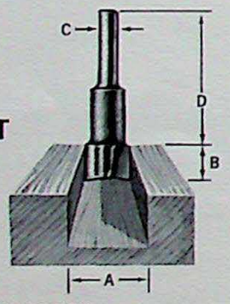
part/item code no.	dimensions—inches A	B	C	D
11564	1/4	5/8	1/4	1
19123	1/4	1 1/8	1/4	1 1/4
11567	5/16	3/4	1/4	1
43732	5/16	1	5/16	1 1/4
11568	3/8	11/16	1/4	1
43733	3/8	1	3/8	1 1/4
11565	7/16	11/16	1/4	1
11566	1/2	3/4	1/4	1
19121	5/8	5/8	1/4	1
19122	3/4	5/8	1/4	1
19127	1/2	1 1/8	1/2	1 7/16
19128	1/2	2	1/2	2
11563	5/8	1 1/8	1/2	1 7/16
11562	3/4	1 1/8	1/2	1 7/16
11561	7/8	1 1/8	1/2	1 7/16
11569	1	1 1/8	1/2	1 7/16

CARBIDE TIPPED

19143	1/4	5/8	1/4	1 1/16
19144	3/8	7/8	1/4	1
19145	1/2	7/8	1/4	1
29795	1/2	1 1/4	1/2	1 1/2
29796	1/2	2	1/2	2
29797	5/8	1 1/4	1/2	1 1/2
29798	3/4	1 1/4	1/2	1 1/2

SURFACING BIT
TWO FLUTES

For hinge-butt mortising.



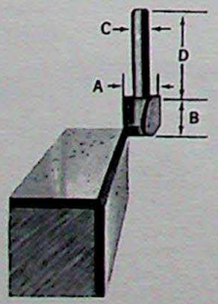
HIGH SPEED TOOL STEEL

17088	1/2	13/32	1/4	1 21/32

CARBIDE TIPPED

19147	1/2	5/16	1/4	1 9/16

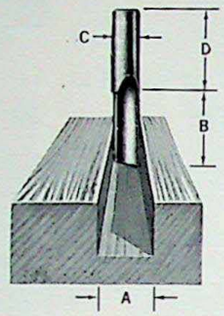
VENEER TRIMMING BIT
TWO FLUTES
22½° BEVEL



CARBIDE TIPPED

19627	15/32	7/16	1/4	1

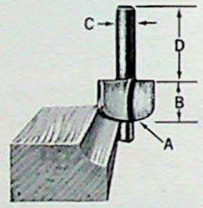
STRAIGHT BIT
SINGLE FLUTE



HIGH SPEED TOOL STEEL

part/item code no.	dimensions—inches A	B	C	D
19124	1/16	3/16	1/4	1
19125	1/8	5/16	1/4	1
19126	3/16	7/16	1/4	1
43734	1/4	3/4	1/4	1 1/4
43735	5/16	1	5/16	1
43736	3/8	1	3/8	1 1/4
43737	1/2	1 1/4	1/2	1 1/2
43738	1/2	2	1/2	1 1/2

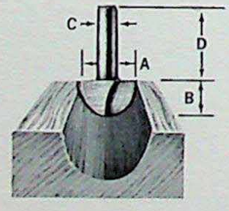
COVE BIT
TWO FLUTES
WITH PILOT



HIGH SPEED TOOL STEEL

11553	3/16	3/8	1/4	1
11550	1/4	1/2	1/4	1
11552	3/8	5/8	1/4	1
11573	1/2	3/4	1/4	1

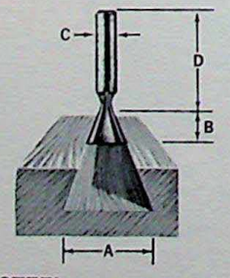
CORE BOX BIT
TWO FLUTES



HIGH SPEED TOOL STEEL

11556	1/4	1/4	1/4	1
11557	3/8	1/4	1/4	1
11555	1/2	11/32	1/4	1
11554	5/8	3/8	1/4	1
11551	3/4	13/32	1/4	1

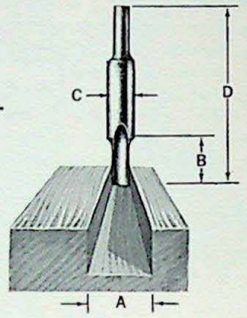
DOVETAIL BIT
TWO FLUTES



HIGH SPEED TOOL STEEL

19133 (small dovetail)	9/32	3/8	1/4	1 1/4
19134 (large dovetail)	9/16	17/32	1/4	1 3/32

DOUBLE END STRAIGHT BIT
SINGLE FLUTE

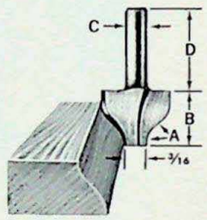


HIGH SPEED TOOL STEEL

part/item code no.	dimensions—inches A	B	C	D
43739	1/16	3/16	1/4	1 13/16
* 43740	1/8	3/8	1/8	2
* 43741	3/16	5/8	3/16	2 1/2

* Use collet adapters with bits.

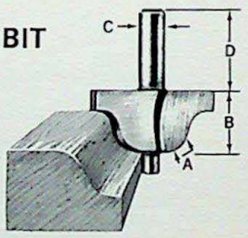
OGEE BIT
TWO FLUTES



HIGH SPEED TOOL STEEL

19137	3/16	5/8	1/4	1
19138	9/32	29/32	1/4	1

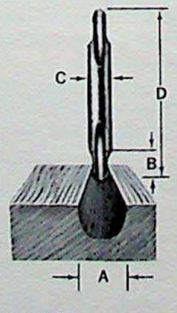
ROMAN OGEE BIT
TWO FLUTES
WITH PILOT



HIGH SPEED TOOL STEEL

19135	5/32	1/2	1/4	1
19136	1/4	3/4	1/4	1

DOUBLE END VEINING BIT
SINGLE FLUTE



HIGH SPEED TOOL STEEL

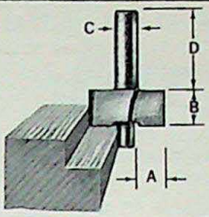
19139	1/16	1/8	1/8	1 1/2
19140	3/32	3/16	1/8	1 9/16
19141	1/8	5/16	3/16	2

NOTE: Use collet adapters with above bits.

SKIL ROUTER BITS

RABBETING BIT

TWO FLUTES WITH PILOT

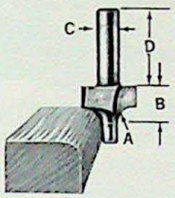


HIGH SPEED TOOL STEEL

part/item code no.	dimensions—inches A	B	C	D
19131	1/4	7/16	1/4	1
19132	3/8	1/2	1/4	1

ROUNDING OVER BIT

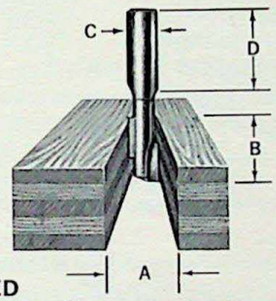
TWO FLUTES WITH PILOT



HIGH SPEED TOOL STEEL

11560	1/4	1/2	1/4	1
11559	3/8	5/8	1/4	1
11558	1/2	3/4	1/4	1

STAGGER TOOTH BIT

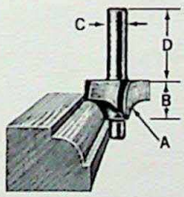


CARBIDE TIPPED

43742	1/2	1 1/4	1/2	1 1/2
43743	1/2	2	1/2	2

BEADING BIT

TWO FLUTES WITH PILOT

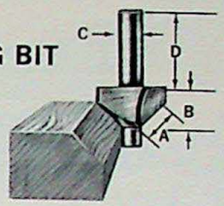


HIGH SPEED TOOL STEEL

11572	1/8	3/8	1/4	1
11571	1/4	1/2	1/4	1
11570	3/8	3/4	1/4	1

45° CHAMFERING BIT

TWO FLUTES WITH PILOT



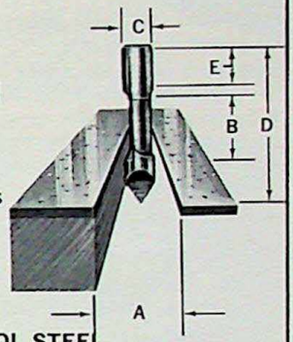
HIGH SPEED TOOL STEEL

part/item code no.	dimensions—inches A	B	C	D
11839	1/2	1/2	1/4	1

COMBINATION PANEL BIT

SINGLE FLUTE

NOTE: These bits drill their own starting hole.



HIGH SPEED TOOL STEEL

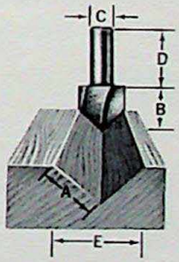
part/item code no.	dimensions—inches A	B	C	D	E
19142	1/4	3/4	1/4	2 5/8	1 5/16
27838	3/8	7/8	3/8	3	1 5/16

CARBIDE TIPPED

19146	1/4	3/4	1/4	2 5/8	1 5/16
29799	3/8	1 5/16	3/8	3	1 13/32
29800	3/8	1 5/16	1/2	3	1 1/8

"V" GROOVING BIT

TWO FLUTES

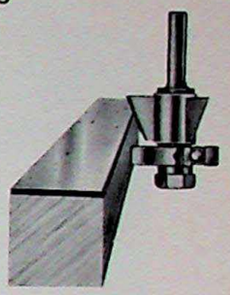


HIGH SPEED TOOL STEEL

part/item code no.	dimensions—inches A	B	C	D	E
19129	3/8	7/16	1/4	1	1/2
19130	7/8	7/8	1/4	1	1 15/64

CARBIDE TIPPED BALL BEARING LAMINATE TRIMMERS

Long life, carbide tipped cutters provide professionally smooth trim cuts in wood veneer and plastic laminate cabinet work.



High speed ball bearing guides cutter precisely and evenly without burning or marring delicate veneers and laminates. Each cutter is available as a separate unit, therefore only one arbor is necessary.

NO. 69054 22° BEVEL LAMINATE TRIMMER COMPLETE

Consists of No. 69055 Arbor and No. 69056 Bevel Cutter.

NO. 69055 ARBOR

Complete with No. 69059 5/8" dia. high speed ball bearing, two spacer washers and nut. Has 1/4" shank and 1/4" arbor. For use with all cutters listed below.

NO. 69056 22° BEVEL CUTTER

NO. 69057 45° BEVEL CUTTER

Bevel Cutters have 1/4" arbor hole. Use with No. 69055 arbor.

NO. 69058 FLUSH CUTTER

Has 1/4" arbor hole and 5/8" O.D. Use with No. 69055 arbor.

NO. 69059 5/8" DIA. BALL BEARING

Same as furnished with No. 69055 arbor.

NO. 69060 13/16" DIA. BALL BEARING

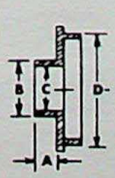
For use with the No. 69056 22° and No. 69057 45° Bevel Cutters on the No. 69055 arbor. Allows operator to wear two different areas on the cutter edge before resharpening.

TEMPLATE GUIDES

For guiding routers along patterns and templates when duplicating designs. Eliminate possibility of bit cutting pattern. Guides attach to sub-base of Models 295, 297 and 299 with No. 11587 lock nut. (Order separately.)

part/item code no.	dimensions—inches A	B	C
11591	3/8	3/8	1 9/64
11592	3/16	7/16	2 3/64
11593	3/8	1/2	2 7/64
11590	7/16	3/4	4 3/64
11589	13/32	1	5 1/64
11588	3/8	1 1/4	1 3/64
17089*	5/8	21/32	9/16
11587	Lock nut for template guides		

*For hinge-butt mortising; all other guides for general routing.



"D" Dimensions: 1 3/16"—24 Thread

COLLETS and ADAPTERS

COLLETS — Permit the use of different shank diameter bits.

part/item code no.	for bit shank size	for router model no.
10510	1/4"	299**
10511	5/16"	299
10512	3/8"	299
10513	1/2"	299**
17056	1/4"	295, 297**

**Included as standard equipment with tool.

COLLET ADAPTERS — For reducing collet diameters to permit use of bits with smaller diameter shanks.

part/item code no.	for collet size	for bit shank size	overall length
11581	1/4"	1/16"	1"
11582	1/4"	3/32"	1"
11583	1/4"	1/8"	1"
11584	1/4"	3/16"	1 1/8"
10557	3/4"	1/4"	1"
10558	1/2"	5/16"	1"

SKIL ROUTER ACCESSORIES

NO. 5000 ROUTER MOTOR

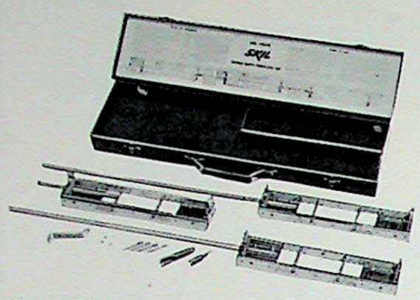
Lets you have both a plane and router at substantial savings since only one motor is needed. Use with No. 17067 Router Base, No. 3650 Plane Attachment or No. 20750 Sharpening Attachment.

- Powerful, high speed ⅞ h.p. motor
- Includes collet wrench and built-in chuck lock, ¼" collet.

NO. 17067 ROUTER-BASE

For use with No. 5000 Motor to make router identical to Model 297 Router.

- Has non-marring, high impact plastic base plate
- Comfort grip control knobs make firm grip easy for maximum control, reduce operator fatigue
- Transparent eyeshield deflects dust away from operator
- See Page 26 for Model 297 specifications



NO. 17070
HINGE-BUTT TEMPLATE KIT—
For 7"-11" Hinge Spacing*
Hang doors faster and easier by eliminating need for measuring, calculating and laying out.

- Designed specifically to simplify and greatly speed up mortising for hinge butts on 6'8" or 7' wood doors and jambs with 7"-11" hinge placements*
- Mortises 2½" to 5½" size hinges with Model 295 or 297 Routers; to 3½" size hinges with Model 299 Router
- "Retracto" pins automatically locate template on jambs for either 1⅜" or 1¾" door thickness
- Packed in steel carrying case. Easy-to-follow instructions included

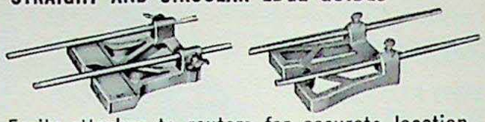
equipment: Three templates with connecting rods, height gauge, nail puller, extra nails, carrying case, No. 17088 Surfacing Bit, No. 17089 Template Guide, No. 11587 Lock Nut and No. 17831 Corner Chisel.

NO. 68414
HINGE ROD KIT—For 5"-10" Hinge Spacing*
Use with No. 17070 Template Kit to mortise wood doors to match 5"-10" hinge placement on pre-mortised metal door jambs.
equipment: Height Gauge Assembly, 2 spacing bars.

NO. 17831
CORNER CHISEL
For squaring mortises when installing square cornered hinges. Easy to use, accurate. Same as furnished with No. 17070 Template Kit

**For 4-hinge doors or hinge placements other than 7"-11" or 5"-10", standard 5/16" threaded bolt stock may be obtained locally for spacing rods in place of those supplied with kit.*

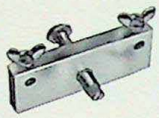
STRAIGHT AND CIRCULAR EDGE GUIDES



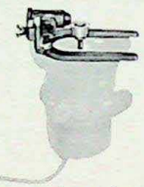
Easily attaches to routers for accurate location of grooves, dadoes, rabbets.

- Adjusts from 0" to 5" (Models 295 and 297), 0" to 9" (Model 299)
- Used with No. 19627 Carbide Tipped Bit to flush and bevel trim wood veneers, plastic laminates

NO. 16890—for Models 295 and 297
NO. 69052—for Model 299



NO. 69390 FINE ADJUSTING ATTACHMENT
Attaches to No. 16890 for making fine adjustments. Permits exact spacings.



NO. 19250
BIT SHARPENING ATTACHMENT
For sharpening high speed steel router bits.

- Sharpens ¼" and ½" shank router bits
- Adjustable for one, two and three cutting edges
- Includes grinding fixture, adaptor, No. 20199 grinding wheel, 2 hex wrenches

NO. 20199—REPLACEMENT GRINDING WHEEL for No. 19250 Sharpening Attachment

NO. 43730 ROUTER CARRYING CASE—For Models 295 and 297
Sturdy steel for convenient storage and transport of router and accessories. As furnished with Models 295-1 and 297-1 Kits.

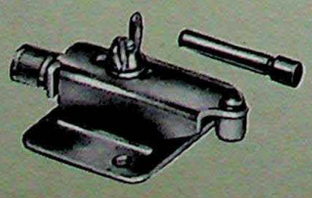
VENEER AND LAMINATE TRIMMING ATTACHMENTS
For smooth, accurate trimming of wood veneer and plastic laminates. Excellent for use in furniture construction, for counter and sink tops, kitchen and bath "built-ins" and more.

Adjustable for both flush and bevel trimming . . . one bit performs both operations! For flush cutting, bit is centered exactly with guide wheel by using set-up pin. For bevel cutting, micrometer-type adjustment permits alignment. Positive-locking, vibration-proof controls maintain accuracy.

Order components listed below:
For use with Models 295 and 297 Routers, order No. 19200, No. 19627 and No. 19628.
For use with Model 299 Router, order No. 19200, No. 19627 and No. 19901.

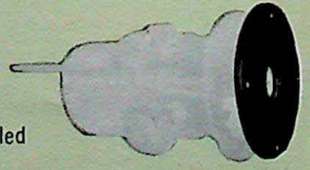
NO. 19200 VENEER TRIMMING GUIDE
Attaches to No. 19628 or No. 19001 Sub-Base for veneer trimming.

- Non-marring nylon guide roller wheel
- Includes set-up pin for centering bit exactly with guide wheel
- Use with No. 19627 bit



NO. 19627 CARBIDE TIPPED BIT
Precision ground combination bit for both flush and bevel cutting of wood veneers, plastics and decorative laminates.

- Two flute type with 22½° bevel angle
- Use with No. 19200 Guide



VENEER TRIMMING SUB-BASES
High impact, non-marring plastic with pre-drilled holes for attaching No. 19200 Guide.
NO. 19628 — For Model 295 and 297 Routers and No. 17067 Router Base
NO. 19901 — For Model 299 Router

SKIL FINISHING SANDERS

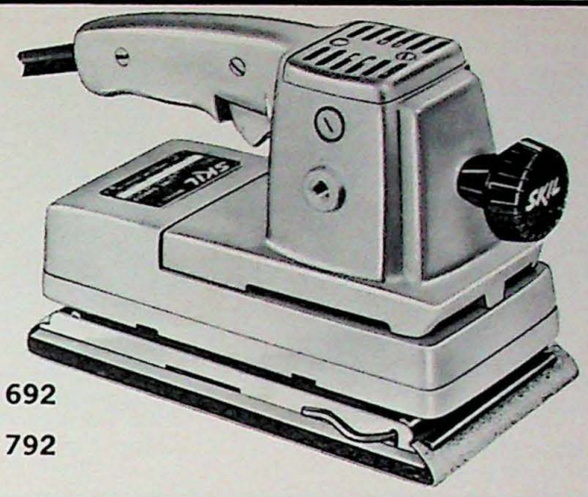
Straight line sanding action of these fine heavy duty finishing sanders provides smooth swirl-free surfaces. Optional orbital motion of Models 692 gives fastest stock removal. Tool flush sands up to vertical surfaces and into corners. Contour grip handles and superb balance make them comfortable to use. Powerful sanding action completes even big finishing jobs in less time.

MODEL 692 ORBIT/LINE SANDER—heavy duty

- Set motion selection lever for "orbital sanding" for fast stock removal
- Set same lever for "straight-line sanding" for finest finish without swirl marks if surface is to be painted, stained, varnished, or glazed

MODEL 792 STRAIGHT LINE SANDER—heavy duty

- Same as Model 692 but has straight line sanding action
- Only heavy-duty straight line finishing sander available
- For finish sanding without swirl marks



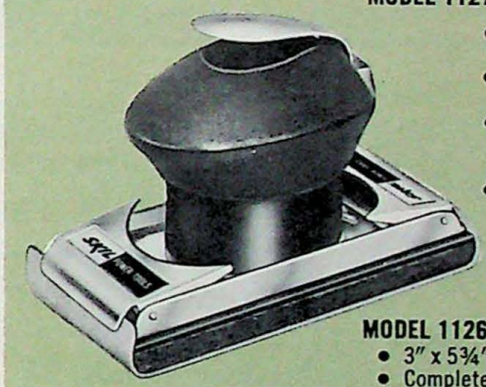
MODEL 692

MODEL 792

MODEL 992 ORBITAL SANDER—heavy duty

- All ball bearing construction
- Extremely lightweight, compact
- Ideal for sanding new stock, unfinished furniture; removing old paint, varnish
- Auxiliary control knob removable for work in tight places
- Sands flush on 3 sides

MODEL 1127 AIR ORBITAL SANDER— heavy duty



- Larger 3½" x 6¾" sanding pad for fast sanding
- Paddle throttle provides speed control from 0-6000 OPM
- Hard rubber pad for wet sanding and felt pad available as accessories
- Lightweight—ideal for fine cabinetry, furniture manufacture; for sanding all wood, metal or compositions

MODEL 1126 AIR ORBITAL SANDER— heavy duty

- 3" x 5¾" sanding pad for sanding in tight spots
- Complete speed control from 0-6500 OPM
- Has all fine features of Model 1127 above

SPECIFICATIONS—Electric models

switch: Enclosed momentary contact trigger with locking button.

bearings: Model 692: 3 ball, 1 needle.
Model 792: 3 ball, 1 needle.
Model 992: 4 ball

equipment: Three sheets sandpaper (assorted grits).

SPECIFICATIONS—Air models

equipment: Foam rubber sanding pad.

hoze size: ¼" I.D. recommended **air inlet size:** ¼ NPT

Recommended operating air pressure: 90 P.S.I.

model/ item code no.	sandpaper size inches	sanding pad size inches	amp rating at 115V.	orbital sanding		straight line sanding		size, inches			net wgt. lbs.	shpg. wgt. lbs.
				orbits per min., no load speed	dia. of orbit inches	strokes per min. no load speed	length of stroke inches	length	height	width		
692	4½x11	4½x9	2.0	5000	3/16	4800	3/16	9	6⅝	4½	7	8¼
792	4½x11	4½x9	2.0	—	—	4800	3/16	9	6⅝	4½	7	8¼
992	3⅝x9	3⅝x7⅛	2.0	5500	3/16	—	—	8½	6⅝	3⅝	5½	6½
1126	3 x8	3x5¾	—	6500	3/16	—	—	5¾	4¾	3½	3	4
1127	3½ x9	3½x6¾	—	6000	3/16	—	—	6¾	4¾	3½	3¼	4¼

SANDPAPER

Long lasting, highest quality, aluminum oxide abrasives scientifically bonded with sharpest edges of grit at the cutting surface.

4½x11" — Fits Models 692, 792 and other makes requiring this size paper.

part/item code no.	description	grit	sheets per pack
25764	very coarse	40 (1½)	10
23077	coarse	50 (1)	
23078	medium	80 (1/0)	
23079	fine	120 (3/0)	
23080	extra fine	220 (6/0)	

3⅝x9" — Fits Model 992, 1126, 1127 and other makes requiring this size paper.

25752	very coarse	40 (1½)	5
20697	coarse	50 (1)	
20698	medium	80 (1/0)	
20699	fine	120 (3/0)	
25753	extra fine	220 (6/0)	

NO. 22493 DUST PICK-UP KIT

Quickly converts Model 692 or 792 for dustless operating. Hose attaches to any vacuum cleaner. Includes plastic pick-up hood, swivel coupling, 5'7" flexible hose.

NO. 3728 POLISHING PAD

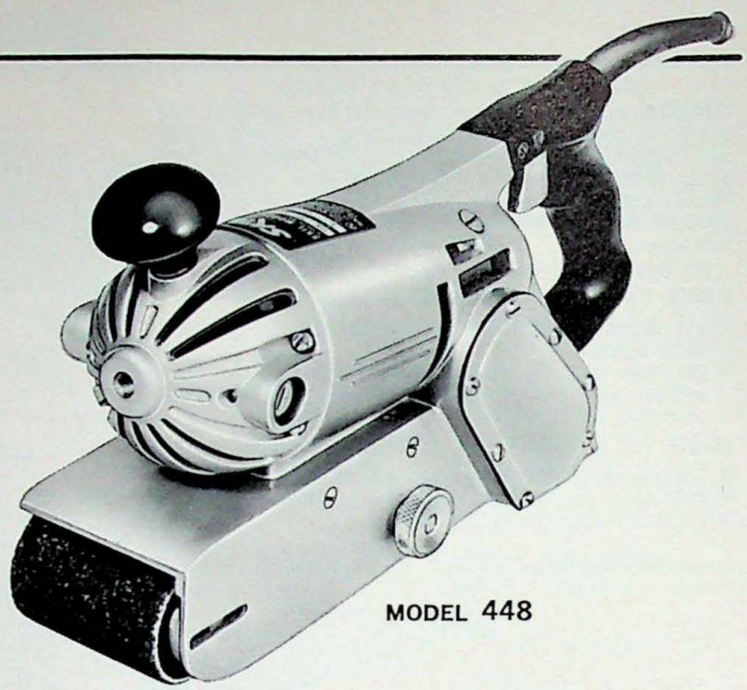
For polishing furniture, other materials with Model 992 Orbital Sander. High-quality lambs wool.

AIR SANDER PADS

Description	part/item code no. for Model 1126	part/item code no. for Model 1127
Felt	67134	67142
Hard Rubber	68756	68757
Foam Rubber	67135	67143

SKIL BELT SANDERS

Skil sanders are designed for heavy-duty production service and have tremendous power for fast stock removal. Surface preparation of wood, composition, or metal is accomplished quickly and professionally. They sand flush to vertical surfaces to make production sanding or interior refinishing easy. Balanced construction eliminates tilting, rocking or gouging. Convenient control knob for quick, easy belt alignment. Select from models with or without dust collectors.



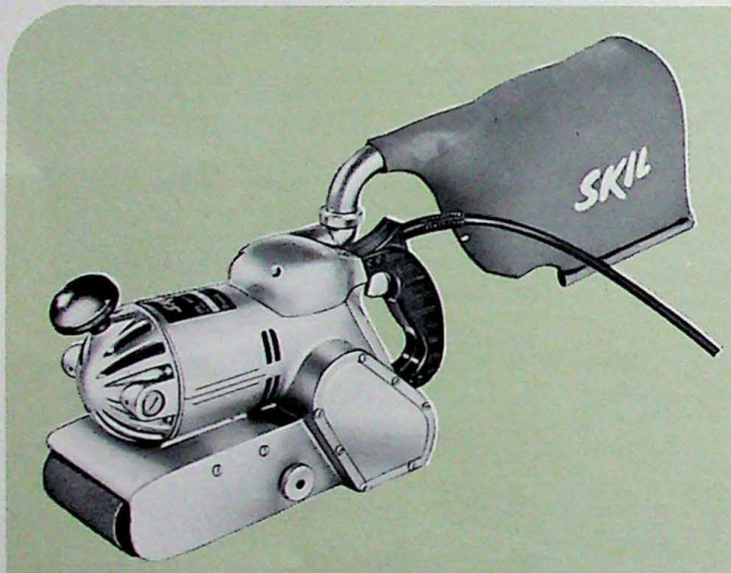
MODEL 448

MODEL 448 3" heavy duty

- Tremendous power for fast stock removal. Super Burnout Protected Motor
- Cooler running because of large gear case oil capacity, large air vents and efficient fan design
- Lever control for retracting front roller to change belts
- Two positions for auxiliary handle

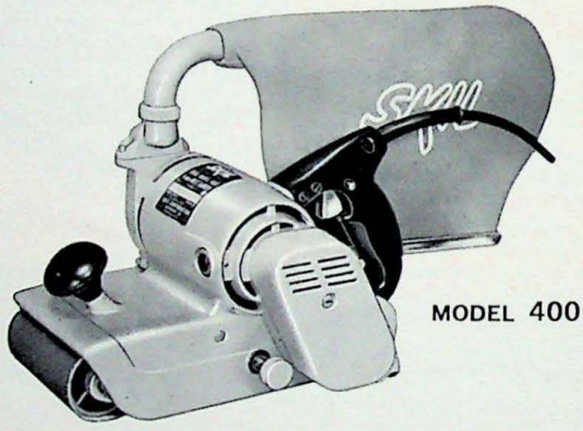
MODEL 449 3" heavy duty
with vacuum dust collector

- Highly efficient dust pick-up system with special felt wiper at rear of sanding platen
- Heavy fabric bag with positive closure
- Plus all the outstanding features of Model 448



MODEL 324 4½" heavy duty
with vacuum dust collector

- Fast sanding on wide variety of jobs — wood, composition and metal
- Centrifugal fan picks up dust, reduces belt loading
- Lever control for retracting front roller to change belts
- Large fabric dust bag with positive closure
- Ideal for production sanding, fast interior finishing
- Super Burnout Protected Motor



MODEL 400

MODEL 400 4" standard duty
with vacuum dust collector

- Wide 4" sanding belt
- Simple locking device makes belt changing easy
- Large fabric dust bag with positive closure
- Powerful Super Burnout Protected motor
- Low-cost, lightweight — only 12½ pounds

MODEL 405 4" standard duty

- Same features as Model 400 except without dust collector
- Easy to handle
- Lightweight — only 11¾ pounds
- Can be used with Part No. 21407 Dust Pick-Up kit (see opposite page) for dust-free sanding

SPECIFICATIONS

switch: Enclosed, momentary contact trigger type. Models 405 and 400 also have pin for locking switch "on".

equipment: medium grit sanding belt.

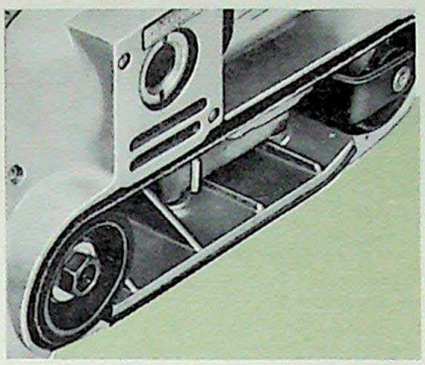
bearings: Model 448: 4 ball, 4 oil impregnated.
Model 449: 5 ball; 4 oil impregnated.
Model 324: 7 ball; 2 needle; 2 oil impregnated.
Model 400: 3 ball; 5 oil impregnated.
Model 405: 2 ball; 6 oil impregnated.

model/item code no.	belt size, inches	sanding pad size, inches	speed, no-load, ft., per min.	amp rating at 115V	overall length inches	overall width inches	net weight, lbs.	shpg. weight lbs.
448	3 x 23¾*	3 x 6	1500	10.0	15½	4¼	14½	18
449	3 x 23¾*	3 x 6	1300	10.0	15½**	4¼	15½	18½
324	4½ x 26	4½ x 6¾	1300	10.0	15½**	6⅛	25¾	29
400	4 x 21¾	4 x 4½	1400	7.0	12½**	6½	12½	15
405	4 x 21¾	4 x 4½	1500	7.0	12½	6½	11¾	14

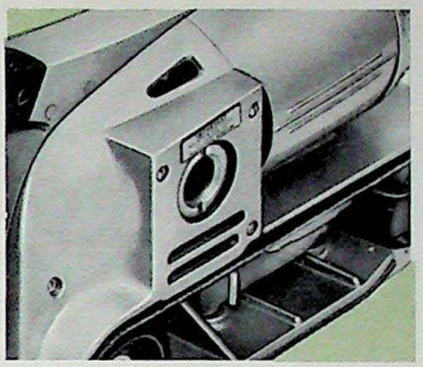
*Also accommodates 3" x 24" size belts.

**Length less dust bag.

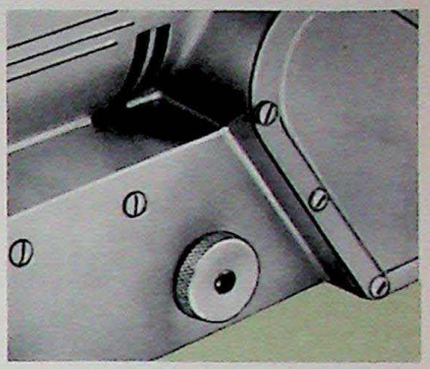
CHECK THESE FEATURES



Belt is flush with side of tool — permits sanding up to vertical surfaces.



Quick, easy checking of oil level through window. (Models 448, 449, 324)



Tracking mechanism accurately controls belt alignment.

SKIL BELT SANDER ACCESSORIES

SANDER BELTS — Have sharpest grit at the cutting surface; are precisely cut, bonded and gauged for exact fit. **5 Belts Per Package.**

type	use	grit		sizes: 2¼" x21⅝₆"	3" x21"	3" x23¾"	4" x21¾"	4½" x26"
				for following SKIL current & former models (and other makes requiring similar size belts)				
				505, 525 325	594, 595	448, 449 9	400, 405 805, 445	323, 324
				part/item code numbers				
ALUMINUM OXIDE CLOSED COAT	For new or unfinished wood of all kinds, plastics, resins. soft non-ferrous metals such as lead, copper, aluminum.	24(3)	COARSE	7801	....	7829	....	7870
		30(2½)		7802	27521	7830	18842	7871
		36(2)		7803	....	7831	....	7872
		40(1½)	MEDIUM	7804	27522	7832	18843	7873
		50(1)		7805	27523	7833	18844	7874
		60(½)		7806	27524	7834	18845	7875
		80(1/0)	FINE	7807	27525	7835	19641	7876
		100(2/0)		7808	27526	7836	18846	7877
		120(3/0)		7809	27527	7837	19642	7878
ALUMINUM OXIDE OPEN COAT	For removing varnish, lacquer and paint. Also for resinous or green wood.	24(3)	COARSE	....	....	7864	....	7905
		30(2½)		7824	27528	7865	18847	7906
		36(2)		....	....	7866	....	7907
		40(1½)	MEDIUM	7826	27529	7867	18848	7908
		50(1)		....	....	7868	....	7909
		60(½)		7828	....	7869	....	7910
ALUMINUM OXIDE CLOSED COAT	For ferrous metals; also hard bronze, hard brass, hard aluminum. (Wiping work with cutting oil is often helpful.)	24(3)	COARSE	7801	....	7838	....	7879
		30(2½)		7802	27521	....	18842	....
		36(2)		7803	....	7840	....	7881
		40(1½)	MEDIUM	7804	27522	....	18843	....
		50(1)		7805	27523	7842	18844	7883
		60(½)		7806	27524	7843	18845	7884
		80(1/0)	FINE	7807	27525	7844	19641	7885
		100(2/0)		7808	27526	....	18846	....
		120(3/0)		7809	27527	7846	19642	7887
		180(5/0)	VERY FINE	....	....	7848	....	7889
SILICON CARBIDE	For all natural and cast stone..	24(3)	COARSE	....	....	7851	....	7892
		40(1½)		....	....	7854	....	7895
		80(1/0)	MEDIUM	....	....	7857	....	7898
		120(3/0)	FINE	....	....	7859	....	....

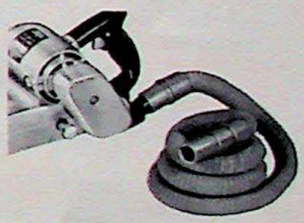
MICROLON FINISHING BELTS — for finest surface finishing on metal, wood, plastic, or cleaning and polishing.

part /item code no.	belt size	grit size	applications
42794	4 x 21¾"	150 Coarse	Cleans and renews stainless steel finish on structural forms and panels; gives satin finish to metals prior to plating; removes scuff marks from plastic floor tile.
42797	3 x 21"		
42795	4 x 21¾"	280 Medium	Refinishes wood, linoleum or plastic desk tops; cleans old painted surfaces prior to repainting; produces satin finish on painted surfaces; removes scuff marks from wood floors; finishes sealer coat prior to painting or varnishing.
42798	3 x 21"		
42796	4 x 21¾"	500 Fine	Cleans corrosion from copper foil printed circuit boards; removes oxidation from aluminum, chromium; gives glass finish on color coat on cabinets; gives satin finish on plastic panels such as Formica; polishes furniture, boats.
42799	3 x 21"		

® MICROLON IS A TRADEMARK OF ARMOUR ABRASIVES CO.

SANDER BELT ASSORTMENTS

No. 18849	**Packages of 10 Assorted 4" x 21¾" Sanding Belts.** Includes 3—No. 18846, 1—No. 19642. 2 each of Nos. 18843, 18844, 18847.
No. 27550	**Package of 5 Assorted 3" x 21" Sanding Belts.** Includes 1 each: Nos. 27522, 27524, 27526, 27527, 27528.



NO. 21407 DUST PICK-UP KIT—Converts Model 405 to dustless sander by connecting to vacuum cleaner. Includes 5'7" flexible hose for dust pick-up attachment, universal coupling, graphite backing pad, sponge rubber pad.

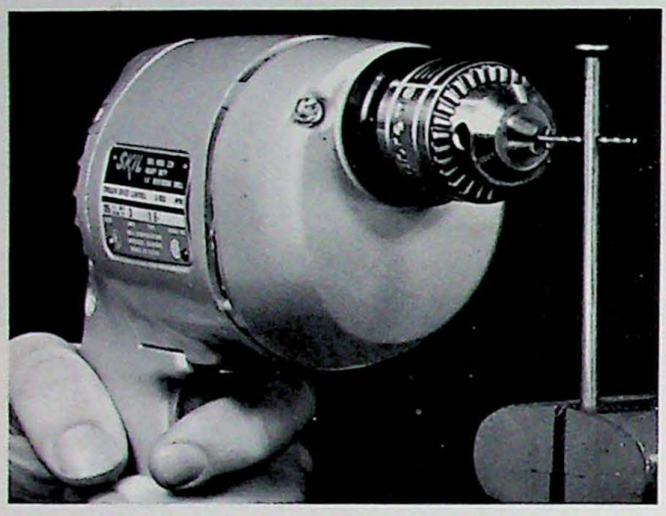
BELT SANDER LUBRICANTS

part/ item code no.	description	for use on
249 264 267	5⅜ oz. tube pint ½ gal. can	Models 323, 324, 448, 449, 505 for **gear case** only
252 251	5⅜ oz. tube 2 lb. can	Models 323, 324, 448, 449, 505 for **chain case** only
252 251	5⅜ oz. tube 2 lb. can	Models 805, 445, 400, 405

SKIL DRILLS

Skil drills are ruggedly designed for use on maintenance, repair work and production applications. Wide choice of models, chuck sizes, speeds, handle types and switches to fit your exact needs. Some are available with double insulation for use where grounding is inconvenient.

CHECK THESE FEATURES

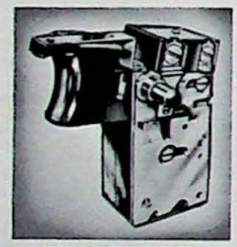


Trigger Speed Control†, pioneered through Skil research, now further increases portable drill utility with the addition of finger-tip interlocked reversing. Heavy-duty industrial switches feature solid state circuitry, longer trigger travel, screw terminals, and double line break and permit accurate hole location without center punching—so accurate that Skil drills can be used even to drill a hole in a nail! Now one tool drills, taps threads, drives and removes screws, nuts. Eleven models offer this feature.

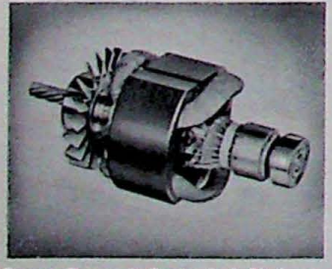
SKIL DRILL SWITCH TYPES

- Trigger Speed Control† with reversing lever and locking button.
- Trigger Speed Control† with reversing lever and locking button plus speed adjusting button.
- On-off with locking button.
- On-off with locking button and separate reversing toggle switch (larger drills only).
- On-off with reversing lever and locking button.

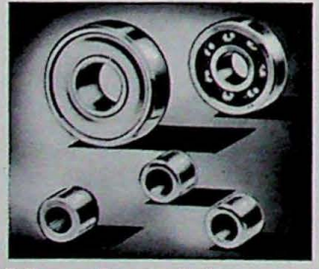
TSC switch operates from 0 to speed shown on name plate.



NEW HEAVY-DUTY INDUSTRIAL SWITCH



Super Burnout Protected Motors exclusive Skil Engineered motors with welded commutator leads and polyester resin insulation.



Ball, needle or oil impregnated bearings at every radial or thrust load point — assure long life and smooth operation.

†TSC, TSC Reversing and TSC Reversing Adjustable Switches have been developed, patented and introduced by Skil Corporation. TSC is a registered Skil Trademark.

1/4" DRILLS

MODEL 75 (ON-OFF)

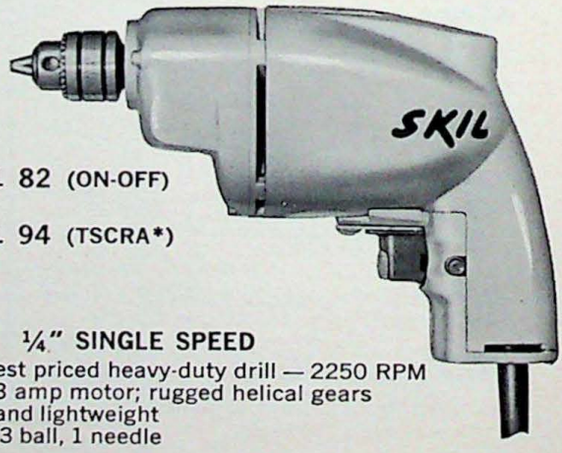
MODEL 220 (TSCR**)

MODEL 75 ¼" SINGLE SPEED

- Heavy-duty — 1800 RPM
- Five optional speed models — see chart opposite page
- New industrial duty switch
- Ample power for heavy-duty production use
- Lightweight and compact, comfortable handle
- Keyless Chuck available at extra cost
- **Bearings:** 4 ball, 2 needle

MODEL 220 ¼" REVERSING with Trigger Speed Control

- Heavy-duty — 0 to 1800 RPM
- Five optional speed models — see chart opposite page
- TSCR industrial duty switch permits operator to drill at best speed — no need to pre-punch hole
- Excellent for driving and removing screws or nuts; also for tapping — drill hole, cut thread, drive fastener, all with the same tool
- Reversing lever conveniently located for finger tip control cannot be reversed when tool is running.
- Ideal for industrial production and plant maintenance
- **Bearings:** 4 ball; 2 needle



MODEL 82 (ON-OFF)

MODEL 94 (TSCRA*)

MODEL 82 ¼" SINGLE SPEED

- Skil's lowest priced heavy-duty drill — 2250 RPM
- Powerful 3 amp motor; rugged helical gears
- Compact and lightweight
- **Bearings:** 3 ball, 1 needle

MODEL 94 ¼" REVERSING Adjustable Trigger Speed Control

- Standard-duty — 0 to 1800 RPM
- Double reduction gears deliver more torque
- TSCRA switch permits operator to drill at best speeds — no need to pre-punch hole
- Excellent for driving and removing screws or nuts; also for tapping — drill hole, cut thread, drive fastener, all with the same tool
- "Adjusting Dial" to hold any selected maximum speed.
- Reversing lever conveniently located for finger tip control, cannot be reversed while tool is running.
- **Bearings:** 3 ball; 3 oil impregnated

**TSCR — Trigger Speed Control, Reversing
*TSCRA — Trigger Speed Control, Reversing, adjustable

See Skil Air Powered Drills on Page 39

1/4" DRILLS

MODEL 402 ¼" SINGLE SPEED
- Heavy-duty, 6 amp Motor — 1800 RPM
- Optional speed model — 2500 RPM
- Double insulated construction for added protection where grounding is inconvenient
- Safety stop brush system — worn brushes cannot damage armature
- New industrial duty switch designed for continuous use
- "D" handle plus auxiliary handle for firm grip and balance
- **Bearings:** 3 ball; 3 needle

MODEL 401 ¼" REVERSING with Trigger Speed Control
- Heavy-duty, 5 amp Motor—0 to 1800 RPM
- Optional speed model 0 to 2500 RPM
- Same advanced features as Model 402 plus TSCR switch which permits operator to drill at best speeds — no need to pre-punch hole
- Excellent for tapping, driving, removing screws or nuts; one tool drills hole, cuts thread, drives fastener
- Reversing lever conveniently located for finger tip control — cannot be reversed while tool is running
- **Bearings:** 3 ball; 3 needle

NEW!

MODEL 402 (ON-OFF)
MODEL 401 (TSCR**)

MODEL 228 ¼" REVERSING with Trigger Speed Control
- Heavy-duty, 0 to 1800 RPM
- Five optional speeds models — see chart
- Same precision features, including TSCR switch, as Model 220 opposite page but has "D" handle for perfect "in-line" drilling control
- Powered and geared for tough industrial applications
- **Bearings:** 4 ball, 2 needle

MODEL 228 (TSCR**)

5/16" DRILLS

MODEL 403 5/16" SINGLE SPEED
- Heavy-duty 6 amp Motor — 1500 RPM
- Optional speed model — 1000 RPM
- Double insulated construction for added protection where grounding is inconvenient
- Safety stop brush system — worn brushes cannot damage armature
- New industrial duty switch designed for continuous use
- "D" handle plus auxiliary handle for positive control
- **Bearings:** 3 ball; 3 needle

MODEL 253 5/16" SINGLE SPEED
- Heavy-duty — 1800 RPM
- Optional speed model — 1000 RPM
- Rugged oversize motor, and large chuck capacity
- "D" handle design
- **Bearings:** 3 ball; 3 needle

NEW!

MODEL 403 (ON-OFF)

MODEL 253 (ON-OFF)

SPECIFICATIONS

switch: Enclosed momentary contact trigger with locking button. Models 94, 220, 228, 401 have trigger speed control reversing switches for use with 50-60 Hz. AC only.

bearings: see specific tool features.

equipment: Geared chuck with key and key holder. Models 401, 402, 403 have auxiliary side handles.

basic model	OPTIONAL SPEED MODELS MODEL/ITEM CODE NO. 600 RPM	1000 RPM	2500 RPM	3500 RPM	5000 RPM
75	75-65	75-10	75-25	75-35	75-51
220	220-65	220-10	220-25	220-35	220-51
228	228-65	228-10	228-25	228-35	228-51
253	——	253-10	——	——	——
401	——	——	401-25	——	——
402	——	——	402-25	——	——
403	——	403-10	——	——	——

NOTE: When ordering optional speed drills, be sure to add proper suffix to basic Model number (Example — Model 75-10).

model/item code no.	duty rating	handle type	switch type	drilling capacity—inches steel	hardwood	no load RPM	full load RPM	amp rating at 115 V	overall length, inches	net weight lbs.	shpg. weight lbs.
94	standard	pistol	TSCRA*	¼	½	0-1800	1100	2.5	8⅝	3½	4¾
82	heavy	pistol	on/off	¼	½	2250	1350	3.0	8⅛	3¼	4½
75	heavy	pistol	on/off	¼	½	1800	1300	3.0	8½	3½	4¾
220	heavy	pistol	TSCR**	¼	½	0-1800	1300	3.0	8½	3½	4¾
228	heavy	"D"	TSCR**	¼	½	0-1800	1300	3.0	11⅝	3¾	5
401	heavy	"D"	TSCR**	¼	½	0-1800	1100	5.0	13⅝	6¼	7¾
402	heavy	"D"	on/off	¼	½	1800	1100	6.0	13⅝	6¼	7¾
403	heavy	"D"	on/off	5/16	⅝	1500	900	6.0	13¾	6¼	7¾
253	heavy	"D"	on/off	5/16	⅝	1800	1100	4.0	11⅞	6½	8

*TSCRA—Trigger Speed Control-Reversing and Adjustable; **TSCR—Trigger Speed Control-Reversing

For Accessories, See Pages 40-41

SKIL 3/8" DRILLS

Tough, versatile Skil 3/8" drills have the power and capacity to handle the most demanding drilling requirements in metal, wood, masonry, plastic, composition, other materials. Seven models are equipped with accurate Trigger Speed Control switch that responds to your touch with any drill speed you need—doubles as a screwdriver. All are balanced for ease of operation over long work periods. All have removable side handles for better drilling control. Their rugged construction assures maximum drilling power and years of dependable service.

MODEL 78 (ON-OFF)
MODEL 223 (TSCR**)

MODEL 404 (ON-OFF)
MODEL 410 (TSCR**)

MODEL 404
3/8" SINGLE SPEED

- Heavy-duty — 750 RPM
- Optional speed model — 1000 RPM
- Double insulated for added protection where grounding is inconvenient
- Safety stop brush system — worn brushes cannot damage armature
- New industrial duty switch for continuous use
- "D" handle plus auxiliary side handle
- **Bearings:** 3 ball; 3 needle

MODEL 410
3/8" REVERSING with Trigger Speed Control

- Heavy-duty — 0 to 750 RPM
- Optional speed model — 0 to 1000 RPM
- Same Features as Model 404 plus TSCR industrial-duty switch, permits drilling at best speed — no need to pre-punch hole
- Drive and remove screws or nuts; tap — drill holes, cut threads, drive fasteners.
- Reversing lever conveniently located for finger tip control, cannot be reversed while tool is running
- **Bearings:** 3 ball; 3 needle

MODEL 78
3/8" SINGLE SPEED

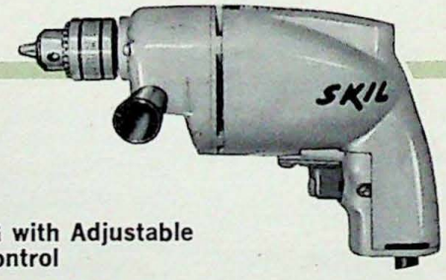
- Heavy duty — 750 RPM
- Optional speed model — 1000 RPM
- New industrial duty switch for continuous use
- Powerful motor, precision gears, delivers high torque
- Lightweight, compact, powerful
- **Bearings:** 4 ball; 2 needle

MODEL 223
3/8" REVERSING with Trigger Speed Control

- Heavy-duty — 0 to 750 RPM
- Optional speed model—0 to 1000 RPM
- Same features as Model 78 plus TSCR Industrial Duty Switch, permits drilling at best speed—no need to pre-punch hole
- Drive and remove screws or nuts; tap — drill holes, cut threads, drive fasteners
- Reversing lever conveniently located for finger-tip control, cannot be reversed while tool is running
- **Bearings:** 4 ball; 2 needle

MODEL 233
3/8" REVERSING with Trigger Speed Control

- Heavy duty — 0 to 750 RPM
- Optional speed model — 0 to 1000 RPM
- Same precision features, including TSCR switch, as Model 223 above, right; but has "D" handle for "in-line" drilling
- **Bearings:** 4 ball; 2 needle



MODEL 97
3/8" REVERSING with Adjustable Trigger Speed Control

- Standard duty — 0 to 900 RPM
- TSCRA switch permits drilling at best speed — no need to pre-punch hole
- Drive and remove screws or nuts: tap — drill holes, cut threads, drive fasteners
- Has Adjusting Dial for presetting any maximum speed
- Reversing lever located for fingertip control, cannot be reversed while tool is running
- **Bearings:** 3 ball; 3 oil impregnated

SPECIFICATIONS

switch: Enclosed momentary contact trigger with locking button. Models 97, 223, 233, 410 switches are for use with 50-60 Hz. AC only.

bearings: See individual tool features

equipment: Geared chuck with key and key holder, removable side handle.

model/item code no.	duty rating	handle type	switch type	drilling capacity—inches steel	drilling capacity—inches hardwood	no load RPM	full load RPM	amp rating at 115 V	overall length inches	net weight lbs.	shpg. weight lbs.
78	heavy	pistol	on/off	3/8	3/4	750	525	3.0	9	3 3/4	4 3/4
78-10	heavy	pistol	on/off	3/8	3/4	1000	700	3.0	9	3 3/4	4 3/4
97	standard	pistol	TSCRA*	3/8	5/8	0-900	540	2.5	9 1/8	4 1/4	4 3/4
223	heavy	pistol	TSCR**	3/8	3/4	0-750	570	3.0	9	3 3/4	4 3/4
223-10	heavy	pistol	TSCR**	3/8	3/4	0-1000	760	3.0	9	3 3/4	4 3/4
233	heavy	"D"	TSCR**	3/8	3/4	0-750	570	3.0	11 7/8	3 7/8	5 1/2
233-10	heavy	"D"	TSCR**	3/8	3/4	0-1000	760	3.0	11 7/8	3 7/8	5 1/2
404	heavy	"D"	on/off	3/8	7/8	750	450	6.0	14 1/4	6 3/4	7 3/4
404-10	heavy	"D"	on/off	3/8	7/8	1000	600	6.0	14 1/4	6 3/4	7 3/4
410	heavy	"D"	TSCR**	3/8	7/8	0-750	450	5.0	14 1/4	6 3/4	7 3/4
410-10	heavy	"D"	TSCR**	3/8	7/8	0-1000	600	5.0	14 1/4	6 3/4	7 3/4

*TSCRA — Trigger Speed Control, Reversing, adjustable: **TSCR — Trigger Speed Control, Reversing

For Accessories — See Pages 40-41

SKIL ½" DRILLS

MODEL 420
½" SINGLE SPEED

- Heavy duty — 650 RPM
- Optional speed — 1000 RPM
- Double Insulated for added protection where grounding is inconvenient
- Safety stop brush system — worn brushes cannot damage armature
- Adjustable rear-spade handle may be mounted horizontally or vertically
- New industrial duty switch for continuous use
- **Bearings:** 3 ball; 3 needle

MODEL 420 (ON-OFF)
MODEL 425 (TSCR**)

NEW!

MODEL 425
½" REVERSING with Trigger Speed Control

- Heavy duty — 0 to 650 RPM
- Optional speed model 0 to 1000 RPM
- Same features as Model 420 plus TSCR industrial duty switch, permits drilling at best speed—no need to pre-punch hole
- Excellent for tapping, driving, removing screws or nuts; one tool drills hole, cuts thread, drives fastener
- Reversing lever conveniently located for fingertip control — cannot be reversed while tool is running

MODEL 415
½" REVERSING SINGLE SPEED

- Heavy duty — 650 RPM
- Optional speed model — 1000 RPM
- Same features as Model 420 including double insulation but with reversing switch and "D" handle
- "D" handle housing provides "in line" drilling
- Often times preferred by plumbers, electricians and many other service tradesmen
- **Bearings:** 3 ball; 3 needle

NEW!

MODEL 680
½" SINGLE SPEED

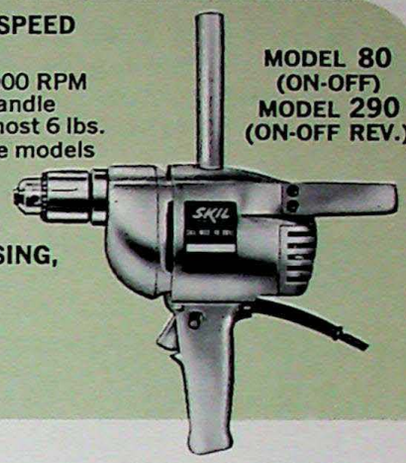
- Heavy duty — 450 RPM
- Optional speeds — 650, 950 RPM
- Compact, powerful — ideal for drilling in tight places
- Length — 7" without rear handle
- **Bearings:** 3 ball; 3 needle

MODEL 80 ½" SINGLE SPEED

- Heavy duty — 450 RPM
- Optional speed model — 1000 RPM
- Rear spade and auxiliary handle
- Powerful, lightweight — almost 6 lbs. less than many competitive models
- **Bearings:** 3 ball; 3 needle

MODEL 290 ½" REVERSING, SINGLE SPEED

- Same as Model 80 but has reversing switch



MODEL 80 (ON-OFF)
MODEL 290 (ON-OFF REV.)

MODEL 214
½" SINGLE SPEED

- Standard duty — 600 RPM
- Compact, powerful, pistol grip design for handling ease, yet has full ½" drill capacity
- New industrial duty switch for continuous use
- **Bearings:** 4 ball; 2 needle

MODEL 214 (ON-OFF)
MODEL 224 (TSCR**)

MODEL 224
½" REVERSING with TSC

- Standard duty — 0 to 600 RPM
- Same features as Model 214 plus TSCR industrial duty switch, permits drilling at best speed—no need to pre-punch hole
- Excellent for tapping, driving, removing screws or nuts; one tool drills hole, cuts thread, drives fastener
- Reversing lever conveniently located for finger tip control — cannot be reversed while tool is running

MODEL 234
½" REVERSING with TSC

- Standard duty — 0 to 600 RPM
- Same features as Model 224 but with "D" handle for perfect "in line" drilling control

SPECIFICATIONS

switch: Enclosed momentary contact trigger with locking button. Models 224, 234, 425 switches are for use with 50-60 Hz. AC only. Model 290 has slide-type reversing switch in handle.
bearings: See individual tool features.

equipment: Geared chuck with key holder.
All models have removable auxiliary handles. In addition — Models 420, 425 have removable and adjustable rear spade handles; and Models 80, 290, 680 have detachable handles.

model/item code no.	duty rating	handle type	switch type	drilling capacity—inches		no load RPM	full load RPM	amp rating at 115 V	overall length inches	net weight lbs.	shpg. weight lbs.
				steel	hardwood						
80	heavy	spade	on/off	½	1	450	275	4.5	12¼	9¼	9¾
80-10	heavy	spade	on/off	½	1	1000	610	4.5	12¼	9¼	9¾
214	standard	pistol	on/off	½	¾	600	450	3.0	9½	3⅞	5
224	standard	pistol	TSCR**	½	¾	0-600	450	3.0	9½	3⅞	5
234	standard	"D"	TSCR**	½	¾	0-600	450	3.0	12	4	5¼
290	heavy	spade	on/off, Rev.	½	1	450	275	4.5	12¼	9¼	11¾
290-10	heavy	spade	on/off, Rev.	½	1	1000	610	4.5	12¼	9¼	11¾
415	heavy	"D"	on/off, Rev.	½	1⅛	650	400	6.0	14½	6¼	7¾
415-10	heavy	"D"	on/off, Rev.	½	1⅛	1000	600	6.0	14½	6¼	7¾
420	heavy	spade	on/off	½	1⅛	650	400	6.0	13⅞	6½	8¼
420-10	heavy	spade	on/off	½	1⅛	1000	600	6.0	13⅞	6½	8¼
425	heavy	spade	TSCR**	½	1⅛	0-650	400	5.0	13⅞	6½	8¼
425-10	heavy	spade	TSCR**	½	1⅛	0-1000	600	5.0	13⅞	6½	8¼
680	heavy	spade	on/off	½	1⅛	450	270	5.0	9½	9½	11¼
680-65	heavy	spade	on/off	½	1⅛	650	390	5.0	9½	9½	11¼
680-95	heavy	spade	on/off	½	1⅛	950	570	5.0	9½	9½	11¼

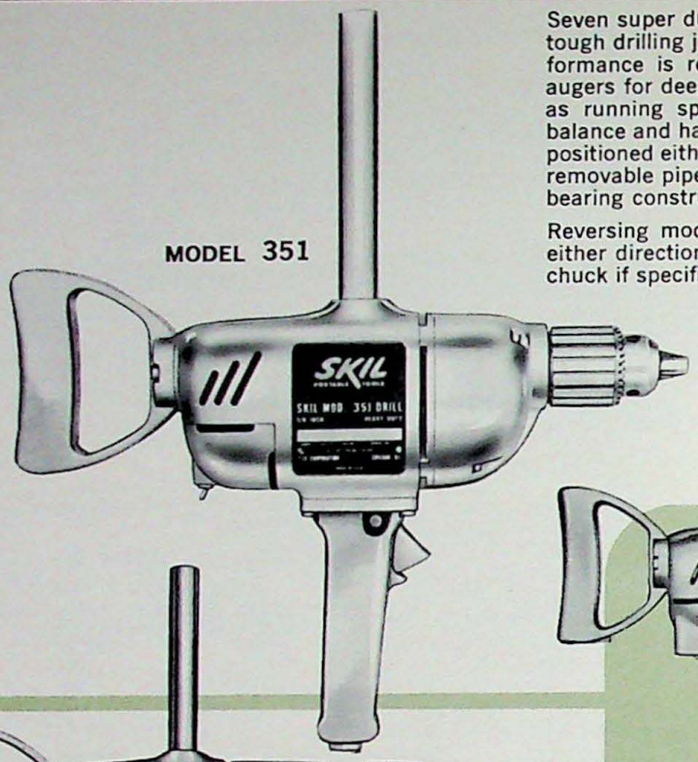
**TSCR—Trigger Speed Control, Reversing

For ½" Super-Duty Drill Models, See Page 38

SKIL SUPER-DUTY DRILLS—1/2", 5/8", 3/4", 1"

Seven super duty models — including 4 that are reversible. All built for use on tough drilling jobs where large capacity, power, and continuous production performance is required. Reversing models are outstanding for use with wood augers for deep boring. Also recommended for many special applications such as running speed reducers, light elevators, hoists and mixers. Exceptional balance and handling ease cuts fatigue, speeds up work. Spade handles may be positioned either horizontally or vertically for maximum control. All models have removable pipe handles — convenient to use in restricted locations. Super duty bearing construction assures long trouble free life at maximum power output.

Reversing models also feature positive chuck mounting — will not loosen in either direction. All are available with Morse Taper Sockets in place of geared chuck if specified.

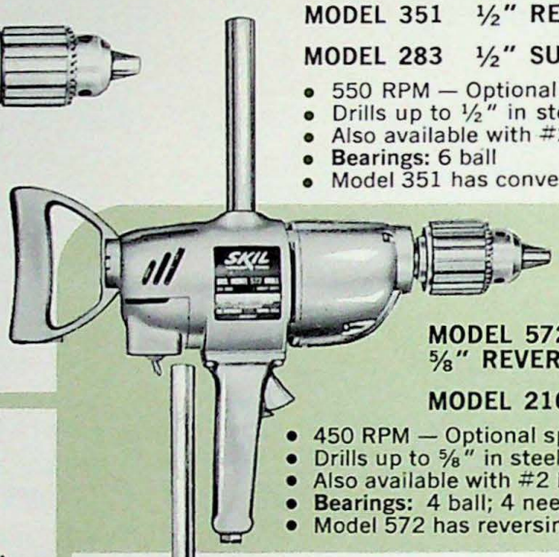


MODEL 351

MODEL 351 ½" REVERSING SUPER DUTY

MODEL 283 ½" SUPER DUTY

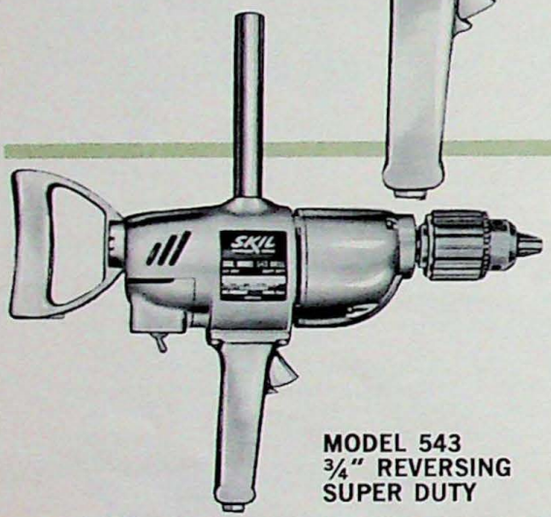
- 550 RPM — Optional speed model — 1000 RPM
- Drills up to ½" in steel, 1¼" in hardwood
- Also available with #2 Morse Taper Socket
- **Bearings:** 6 ball
- Model 351 has convenient reversing switch



MODEL 572
⅝" REVERSING SUPER DUTY

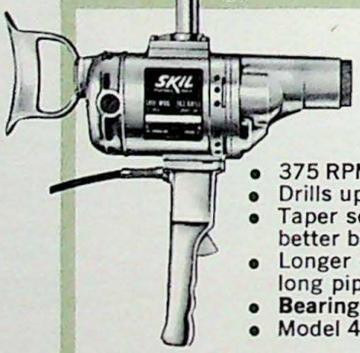
MODEL 2103 ⅝" SUPER DUTY

- 450 RPM — Optional speed model — 1000 RPM
- Drills up to ⅝" in steel, 1¾" in hardwood
- Also available with #2 Morse Taper Socket
- **Bearings:** 4 ball; 4 needle
- Model 572 has reversing switch



MODEL 543
¾" REVERSING SUPER DUTY

- 375 RPM — Optional speeds — 450, 1000 RPM
- Drills up to ¾" in steel, 1¾" in hardwood
- Reversing switch
- Available with #2 or #3 Morse Taper Socket
- **Bearings:** 4 ball, 4 needle



MODEL 443
1" REVERSING SUPER DUTY

MODEL 163 1" SUPER DUTY

- 375 RPM — Optional speeds — 225, 300, 450 RPM
- Drills up to 1" in steel, 2" in hardwood
- Taper socket is recessed to reduce length, provide better balance and control
- Longer contour grip switch handle and extra long pipe handle for better control
- **Bearings:** 6 ball, 1 ball thrust, 2 oil impregnated
- Model 443 has reversing switch

SPECIFICATIONS

equipment: Adjustable spade type rear handle; detachable pipe handle; all models have geared chuck with key and key holder except Model 443, 163 have No. 3 Morse Taper Socket.

switch: Enclosed momentary contact trigger with locking button. Models 351, 572, 543 and 443 also have toggle reversing switch.

bearings: See individual tool features.

model/item code no.	duty rating	drilling capacity — inches		no load RPM	full load RPM	amp rating at 115 V	overall length, inches	net weight lbs.	shpg. weight lbs.
		steel	hardwood						
351*	super	½	1¼	550	350	6.0	15	13	15¼
351-10*	super	½	1¼	1000	635	6.0	15	13	15¼
283*	super	½	1¼	550	350	6.0	15	13	15¼
283-10*	super	½	1¼	1000	635	6.0	15	13	15¼
572*	super	⅝	1¾	450	270	8.0	16⅝	14¼	17¼
572-10*	super	⅝	1¾	1000	600	8.0	16⅝	14¼	17¼
2103*	super	⅝	1¾	450	270	8.0	16⅝	14¼	17¼
2103-10*	super	⅝	1¾	1000	600	8.0	16⅝	14¼	17¼
543**	super	¾	1¾	375	225	9.0	17¾	16¼	18¾
543-10**	super	¾	1¾	1000	600	9.0	17¾	16¼	18¾
543-45**	super	¾	1¾	450	270	9.0	17¾	16¼	18¾
443	super	1	2	375	225	9.0	18⅜	25½	28¾
443-20	super	1	2	225	135	9.0	18⅜	25½	28¾
443-30	super	1	2	300	180	9.0	18⅜	25½	28¾
443-45	super	1	2	450	270	9.0	18⅜	25½	28¾
163	super	1	2	375	125	9.0	18⅜	25½	28¾
163-20	super	1	2	225	135	9.0	18⅜	25½	28¾
163-30	super	1	2	300	180	9.0	18⅜	25½	28¾
163-45	super	1	2	450	270	9.0	18⅜	25½	28¾

*Available with #2 Morse Taper socket in place of geared chuck at no extra cost.
**Available with #2 or #3 Morse Taper socket in place of geared chuck at no extra cost.

For Accessories, See Pages 40-41

SKIL AIR DRILLS—1/4", 5/16", 3/8"

Skil ¼" and 5/16" Air Drills provide smooth, efficient performance to satisfy production line drilling requirements. Range of speeds offered makes it possible to match a Skil air drill to each specific application—provides operator with equipment that enables him to maintain top production and efficiency.

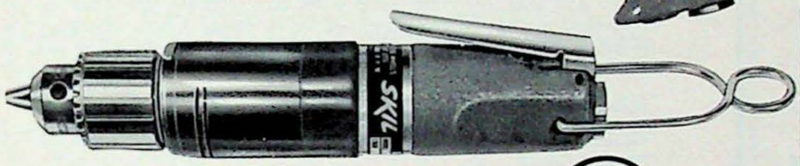
Wide choice of lever and pistol models include two super high-speed drills (Models 69580 and 68958) especially suited for drilling non-ferrous materials as well as "punch" drilling sheet metal with small bits.

12 MODELS — 2 HANDLE STYLES

NEW!

D-10-P SERIES

Choice of 6 Pistol Handle Units
(Four ¼" & two 5/16" Models)



D-10-L SERIES

Choice of 6 Lever Handle Units
(Four ¼" & two 5/16" Models)

NEW!

SPECIFICATIONS

duty rating: Heavy
equipment: Geared chuck and key. Suspension Bail included with Lever models. Pistol handle models have built-in oiler.
air inlet size: ¼" NPT.
hose size: 5/16" I.D. hose recommended. Operate @ 90 PSI.

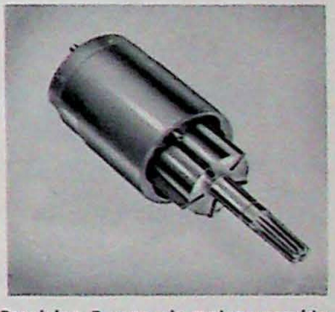
model/item code no.	cap. in steel inches	no load RPM	overall length, inches	net weight lbs.	shpg. weight lbs.
D-10-P PISTOL HANDLE — ¼" & 5/16" CAPACITY					
69577	¼	1500	7 3/32	2¾	3¼
69578	¼	2500	6 3/16	2½	3
69579	¼	4000	6 3/16	2½	3
69580	¼	18000	5 5/8	2	2½
69575	5/16	600	7 13/32	3	3½
69576	5/16	1000	7 13/32	3	3½
D-10-L LEVER TYPE — ¼" & 5/16" CAPACITY					
68962	¼	1500	7 27/32	2½	2¾
68963	¼	2500	6 15/16	2⅛	2⅜
68964	¼	4000	6 15/16	2⅛	2⅜
68958	¼	18000	6⅜	1⅝	1⅞
68960	5/16	600	8 5/32	2¾	3
68961	5/16	1000	8 5/32	2¾	3

CHECK THESE FEATURES

- **Extra-quiet mufflers** reduce noise level on production line, increase operator efficiency
- **Adjustable side exhaust discharge** directs air where you want it — away from operator
- **Spindle offset only** 13/16" for drilling in tight spots
- **Low air consumption**
- **Built-in adjustable air regulator** for accurate speed control
- **Automatic oiler.** (Pistol handle models only)
- **Lightweight, balanced design** for ease of operation. Handles shaped for comfort
- **Motor housings, gear cases and mufflers** are interchangeable within series (except Models 68958 and 69580) to adapt tools to changing job conditions*

*For speed or handle style conversions, see your local Skil Factory Service Center.

Hardened alloy steel gears. Three planet gears in each reduction stage for longer life, minimum maintenance.



Precision 5 vane air motors provide smoother operation with added power.

SKIL COMPACT AIR DRILLS—¼", ⅜"

MODEL 1150 ¼" Standard duty 2000 RPM

- Firm grip pistol handle
- Unique spring-loaded air vane motor for excellent throttle control and slow speed starts — from 0-2000 RPM
- One piece housing; quiet replaceable Polyester non-woven fiber muffler
- Precision construction — motor, bearings, gears
- Compact, lightweight

MODEL 1151 ⅜" Standard duty 2000 RPM

- Has same advanced features as Model 1150 but with ⅜" chuck to handle a wider range of jobs

MODEL 1150

NEW!

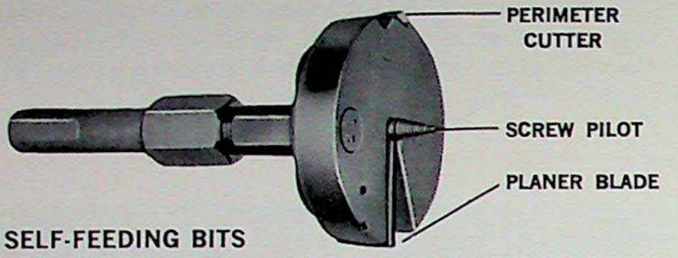
SPECIFICATIONS

duty Rating: Standard.
equipment: Geared chuck and key.
air inlet size: ¼" NPT.
hose size: 5/16" I.D. hose recommended. Operate @ 90 PSI.

model/item code no.	cap. in steel inches	no load RPM	overall length, inches	net weight, lbs.	shpg. weight, lbs.
1150	¼	2000	6⅝	2½	3
1151	⅜	2000	6⅞	2⅝	3⅛

For Accessories, See Pages 40-41

SKIL DRILL ACCESSORIES

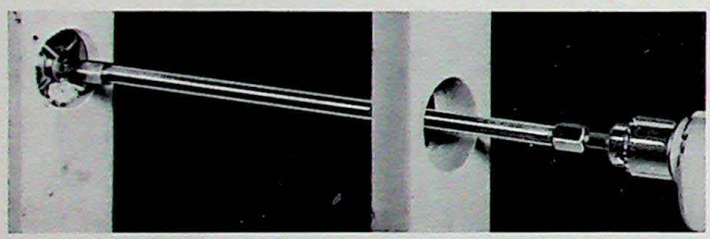


SELF-FEEDING BITS

Skil Self Feeding bits provide most economical way to drill large 1¼" to 2⁹⁄₁₆" diameter holes in wood, plastic, composition with minimum operator feed pressure!

They are specially suited for drilling larger diameter holes in hard-to-reach areas as between studs and joists. Ideal for plumbers, carpenters, electricians — all tradesmen. Self-feeding for fast drilling with less effort. Effective in hardwood, wet or gummy lumber. Perimeter cutter, planer blade and screw pilot all replaceable at low cost — sharpening not required.

part/item code no.	bit dia. inches	makes hole for following dia. pipe inches	shank dia. inches
29370	1¼	¾	⅜
29371	1½	1	⅜
29372	1¾	1¼	⅜
29373	1⅞	—	⅜
29374	2	1½	½
29375	2⅛	—	½
29376	2⁹⁄₁₆	2	½



EXTENSION SHANKS — for Self-Feeding Bits

For deep drilling jobs (example: through two or more studs). *Order additional coupling for each extension shank.*

For Bit Diameter	part/item code no. 6" Extension Shank	18" Extension Shank	Coupling
1¼" to 1⅞"	26811	26812	26813
2" to 2⁹⁄₁₆"	26818	26819	26820

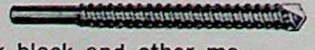
Replacement Parts For Self-Feeding Bits

Save money — replace only the damaged or worn parts. Packaged in quantities of five.

See Self-Feeding Bit illustration to identify parts.

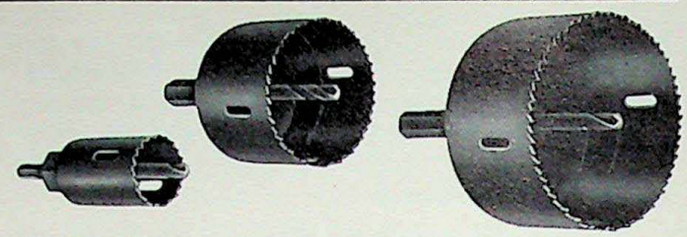
part/item code no.	description	use on bit no.
26807	1¼" planer blade	29370
26814	1½" planer blade	29371
26815	1¾" planer blade	29372
26816	1⅞" planer blade	29373
26817	2" planer blade	29374
26821	2⅛" planer blade	29375
26822	2⁹⁄₁₆" planer blade	29376
26808	perimeter cutter	All
28772	screw pilot	All
28773	brad pilot (for drilling "blind" holes)	All

MASONRY BITS — Carbide Tipped



For drilling in cement, brick, cinder block and other masonry materials. Use with all Skil drills and other makes.

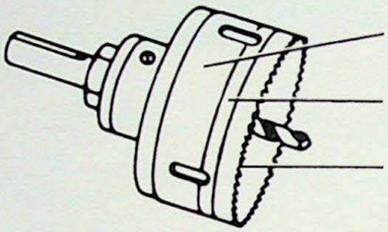
part/item code no.	dia. inches	shank dia.	overall lgth.	part/item code no.	dia. inches	shank dia.	overall lgth.
29921	³⁄₁₆	¼	4	22132	½	⅜	6
22128	¼	¼	4	29916	⁹⁄₁₆	⅜	6
22129	⁵⁄₁₆	¼	4	29917	⅝	½	6
22130	⅜	¼	4	29919	¾	½	6
22131	⁷⁄₁₆	¼	6				



HOLE SAWS

ONE PIECE CONSTRUCTION

3 types of steel are forge-welded . . . then rolled to thickness . . . will not edge-strip or shatter.


Tough Resilient Formed Steel Body
Chrome-Vanadium Steel Buffer Strip
High Speed Steel Edge—Wear-Resistant, Fast Cutting.

High speed steel cutting edge for fast cutting of wood, metal, plastic, composition and other materials. Hole saws up to 1½ dia. may be used with No. 20842 Mandrel in ¼" or larger drills; other sizes of hole saws and mandrels require ½" or larger drills. *Mandrels and pilot drills not included. Order separately.*

hole saw part/item code no.	dia. of saw, inches	for pipe tap size	for pipe entrance size	saw arbor size	use mandrel
20818	⅝	—	—	½ x 20	20842 or 20843
20819	¾	—	⅜		
20820	⅞	¾	½		
20821	1	—	—		
20822	1⅛	1	¾		
20823	1¼	—	—		
21559	1¼	—	—	⅝ x 18	20844 or 20845
20824	1⅜	—	1	½ x 20	20842 or 20843
21560	1⅜	—	—	⅝ x 18	20844 or 20845
20825	1½	1¼	—	⅝ x 18	20842 or 20843
21561	1½	1¼	—	⅝ x 18	20844 or 20845
20826	1⅝	—	—		
20827	1¾	1½	1¼		
20828	1⅞	—	—		
20829	2	—	1½		
20830	2⅛	—	—		
20831	2¼	2	—		
20832	2⅜	—	—		
20833	2½	—	2		
20834	2⅝	—	—		
20835	2¾	2½	—		
20836	2⅞	—	—		
20837	3	—	2½		
20838	3⅛	—	—		
20839	3¼	3	—		
20840	3⅜	—	—		
20841	3½	—	—		
43380	3¾	3½	3	⅝ x 18	20845
43382	4	—	—		
43384	4¼	—	3½		
43386	4½	—	4		
43387	4¾	4½	—		
43388	5	—	—		
43389	5½	—	—		
43390	6	—	—		

MANDRELS WITH PILOT DRILLS

power drill capacity	part/item code no.	for hole saw arbor size	
¼"	20842	½" x 20	
½" or larger	20843	½" x 20	
	20844	⅝" x 18	
	20845*	⅝" x 18	

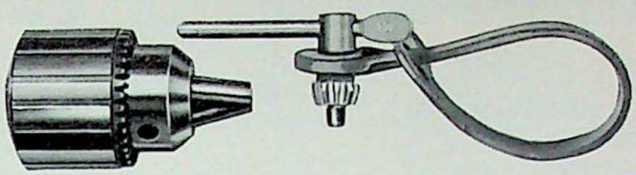
*For extra heavy-duty cutting.

Replacement Pilot Drills only (¼" dia.)

NO. 20874 — Carbon Steel. For No. 20842 mandrel.

NO. 20847 — High Speed Steel. For Nos. 20843, 20844 and 20845 mandrels.

SKIL DRILL ACCESSORIES



GEARED DRILL CHUCKS AND KEYS

Highest quality. For use on SKIL drills as indicated and other makes having thread size or taper indicated.

capacity	part/item code no. chuck & key	key & key holder	spindle & thread size	duty rating	for SKIL drill model nos.
1/4"	67973	1952	3/8"-24	standard	70, 84, 85, 134, 138,94, 161, 241, 503, 549, 501, 546, 550, 1100, 1101, 1150, 596 except type 1
	1751	1752	3/8"-24	heavy	D10 Series Air Drills
	68804	3385	3/8"-24	heavy	45, 47, 49, 69, 75, 215, 211, 220, 228, 243 type 3
	1754	3385	1/2"-20	heavy	242, 243 types 1 & 2, 244
	70972	3385	1/2"-20	heavy	401, 402
5/16"	1776	3387	3/8"-24	heavy	253 type 2, 216, D-10 Series Air Drills
	1757	3387	1/2"-20	heavy	250, 253 type 1, 403
3/8"	67974	2752	3/8"-24	standard	560, 569, 97, 597 except type 1, 76, 1151
	43193	2752	3/8"-24	heavy	78, 88, 90, 203, 213, 217, 223, 233, 262, 269
	73230	3387	3/8"-24	heavy	219
	4423	3766	1/2"-20	heavy	64, 260, 404
	70973	3766	1/2"-20	heavy	410
1/2"	67975	2752	3/8"-24	standard	541, 1106, 545, 598 except type 1
	26230	2752	3/8"-24	heavy	79, 91, 214, 218, 224, 234
	2050	2752	1/2"-20	standard	542, 544, 1107
	73250	2752	1/2"-20	heavy	80, 181, 263, 268, 281
	71145	3766	5/8"-16	heavy	446
	29854	3766	5/8"-16	heavy	415, 420, 425 624, 627, 680, 681
	4424	9032	3/4"-16	heavy	283
	4426	9032	#6 Jacobs Taper	heavy	351 (up to serial no. B78801)
	20901	9032	#6 Jacobs Taper	heavy	290, 351 (Serial No. B78801 Up)
5/8"	4425	9032	3/4"-16	heavy	2101, 2103
	4427	9032	#3 Jacobs Taper	heavy	571, 572 (up to Serial No. B83500)
	23128	9032	#3 Jacobs Taper	heavy	572 (Serial No. B83500 Up)
3/4"	1765	1766*	3/4"-16	heavy	123, 2121, 2123
	1772	1766*	#3 Jacobs Taper	heavy	332, 543 (up to Serial No. B783001)
	21457	1766*	#3 Jacobs Taper	heavy	543 (Serial No. B783001 Up)

*Does not include key holder

OTHER CHUCK KEYS

No. 1752 — For 1/4" chucks with 1/8" key pilot hole.
No. 11238 — For 3/8" Jacobs 2B chuck.
No. 1758 — For Chucks marked "SUH-13A."

No. 23756 — Rubber Holder for Chuck Key.

Note: For Hammer-Drill and Roto-Hammer chucks, see Page 11.

KEYLESS CHUCKS

capacity	part/item code no.	spindle & thread size	for SKIL models
1/4"	23070	3/8"-24	75, 84, 134, 138, 211, 215, 243 type 3, 1101

DRILL STANDS

Sturdy drill stands quickly convert SKIL Drills and Screwdrivers into stationary tools. Unique rack and pinion action produces smooth uniform feed in any position. Provides fast drilling with little effort.

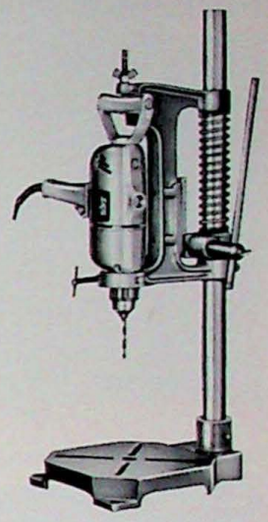
No. 6401 — For Drill Models 69, 70, 75, 78, 84, 85, 90, 94, 97, 134, 161, 211, 213, 220, 223, 546, 550; For Driver Models 194, 226, 236, 239, 284, 285.

No. 6403 — For Models 80, 290.

No. 4870 — For Models 123, 163, 332, 443.

No. 9480 — For Models 283, 351.

No. 9490 — For Models 543, 571, 572, 2101, 2103, 2121, 2123.



part/item code no.	6401 6403	4870 9480 9490
vertical adjustment of column	14"	16"
maximum travel of drill head	4"	5"
drilling radius from column center	7"	8"
leverage ratio	20:1	26:1
shipping weight, pounds	40	58

NO. 9426 ARBOR ADAPTER

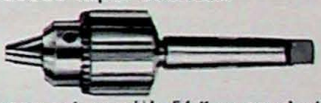
Fits 1/4" or larger capacity drill. For wire wheels, grinding wheels, other accessories with 1/2" arbor holes.

MORSE TAPER ARBORS

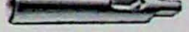
No. 1737 — No. 2 Morse taper arbor only.
No. 1767 — No. 3 Morse taper arbor only.

Arbors above fit drills with Morse taper sockets. Either arbor will accommodate No. 4427 (5/8") or No. 1772 (3/4") geared chucks with No. 3 Jacobs taper sockets.

ARBORS WITH CHUCKS



No. 1768 — No. 3 Morse taper arbor with 5/8" geared chuck and key.
No. 1769 — No. 3 Morse taper arbor with 3/4" geared chuck and key.



NO. 1770 MORSE TAPER REDUCING SLEEVE

Permits use of drill bits with No. 2 Morse shanks in any drill having No. 3 Morse taper socket.

No. 2341 — Drift key for No. 2 Morse taper arbor.
No. 3435 — Drift key for No. 3 Morse taper arbor.

NO. 209 RIGHT ANGLE ATTACHMENT

Mounts on former Model 263 (type 2) drill for right angle drilling. May be used optionally to increase or decrease drill speed. In case of Model 263 (type 1) use with Adapter No. 25789.

CARRYING CASES

No 27093 — Sturdy steel carrying case for former No. 263 Drill and Right Angle Attachment.
No. 29794 — Steel case for Models 680, 681, 624.

LUBRICANTS — For all drills.
No. 252 — 5 3/8 oz. Tube
No. 251 — 2 lbs. can

No. 68799 — 5 3/8 OZ. TUBE OF GREASE. For gears—Models 1150, 1151 Drills.

SKIL SCREWDRIVERS

FIVE POSITIVE CLUTCH UNITS

For driving wood and self-tapping screws. Three large, precision-machined, angle ground heavy-duty clutch jaws engage when driver is applied to screw or nut, continues to tighten as long as pressure is applied by operator. Jaws disengage immediately when pressure is released. Positive clutch drivers are excellent on jobs where torque requirements vary, such as when fastening wood or other materials with varying densities and when driving different size screws.

MODEL 140 REVERSING
Standard-Duty, 900 RPM

- Optional speed models — 1800, 2500 RPM
- Our finest low cost driver
- Well balanced — weighs only 3½ lbs.
- Reversing lever mounted for finger-tip control
- Interlocking switch cannot be reversed while tool is running — protects motor

MODEL 194 REVERSING
Standard-Duty, 0 to 900 RPM

- Same as Model 140 above but has Skil's patented Trigger Speed Control — permits operator to drive screws at speed suited to material

MODEL 428 REVERSING
Heavy-Duty, 750 RPM

- Optional speed model — 1000 RPM
- Double Insulated construction for added protection where grounding is inconvenient
- "D" handle design for "in-line" control
- Powerful 6 amp motor for continuous heavy-duty use—drives No. 16 wood screws or ⅜ machine screws
- New industrial-duty switch for continuous use
- Reversing lever located for finger tip control
- Interlocking switch cannot be reversed while tool is running — protects motor
- Retaining collar slides forward for changing bits fast, yet holds bit securely
- Safety stop brush system — worn brushes cannot damage armature
- Auxiliary handle fits on top or either side

MODEL 226 REVERSING
Heavy-Duty, 750 RPM

- Optional speed models — 1000, 1500 RPM
- Excellent in operations where torque requirements vary or when different screw sizes are used
- New industrial-duty switch for continuous use
- Reversing lever located for finger tip control
- Interlocking switch cannot be reversed while tool is running–protects motor

MODEL 284 REVERSING
Heavy-Duty, 0 to 750 RPM

- Optional speed models — 0 to 1000, 0 to 1500 RPM
- Has same features as Model 226 above but with Skil's patented Trigger Speed Control Switch. Permits driving screws at speed suited to material

TWO ANTI-RATCHETING CLUTCH UNITS

For precise assembly line operations. Pre-set externally to exact torque desired from 15 to 90 inch lbs. Unique, foolproof clutch locks open immediately when pre-set torque is reached. There's no slipping, ratcheting or chatter and no possibility of any additional tightening regardless of operator pressure. The ultimate for precision assembly.

MODEL 255 REVERSING Heavy-Duty, 750 RPM

- Optional speed model — 1000 RPM
- Suspension type — ideal for overhead use in assembly of mass produced products
- Has all precision characteristics of Model 239
- Powerful 3 amp motor for continuous heavy duty use
- Paddle control switch with thumb-operated reverse button

MODEL 239 REVERSING
Heavy-Duty, 750 RPM

- For fast, uniform assembly even with inexperienced operators
- Unique anti-ratcheting clutch is precise, foolproof
- Clutch is pre-set externally — saves time, eliminates risk of losing clutch parts
- New industrial-duty switch
- Reversing lever located for finger tip control
- Interlocking switch cannot be reversed while tool is running — protects motor

For "Drywall" & Self Drilling Fastener Drivers, See Pages 46-47

SKIL SCREWDRIVERS

FOUR ADJUSTABLE CLUTCH UNITS

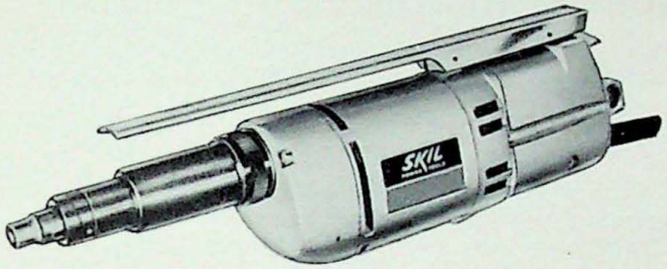
A manually engaged clutch starts driving action when operator applies pressure. Easily adjusted slip-type clutch automatically slips (ratchets) as soon as pre-set torque is reached. This provides uniform fastening when driving identical screws in materials of consistent density.

MODEL 236 REVERSING
Heavy-Duty, 750 RPM

- Optional speed models — 1800, 2500 RPM
- Provides labor savings and precision in the assembly of materials of uniform density
- New industrial switch for continuous use
- Reversing lever located for finger tip control
- Interlocking switch cannot be reversed while tool is running — protects motor

MODEL 285 REVERSING Heavy-Duty, 0 to 750 RPM

- Optional speed models — 0 to 1800, 0 to 2500 RPM
  Has same features as Model 236 above but with
- Skil's patented Trigger Speed Control switch. Permits operator to drive screws at speeds suited to material
  Speed is controlled by pressure on trigger — start
- slow, speed up when fastener takes hold



MODEL 258 REVERSING
Heavy-Duty, 750 RPM

- Optional speed model — 1000 RPM
- Suspension type — ideal for overhead use in assembly-line work
- Has powerful 3 amp motor for continuous use
- Clutch is preset externally for uniform tension
- Paddle control switch
- Thumb-operated reverse button

NEW!

MODEL 444 REVERSING Heavy-Duty, 750 RPM

- Optional speed model — 1000 RPM
- Double insulated construction for maximum protection where grounding is inconvenient
- "D" handle design for "in-line" control
- Powerful 6 amp motor for continuous heavy-duty use — Drives No. 16 wood screws or ⅜" machine screws
- New industrial switch for continuous use
- Reversing lever located for finger tip control
- Interlocking switch cannot be reversed while tool is running — protects motor
- Retaining collar slides forward — impossible to lose bit
- Safety stop brush system — worn brushes cannot damage armature
- Auxiliary handle fits on top or either side

SPECIFICATIONS

switch: Enclosed momentary contact trigger, reversing, with lock button except Models 255 and 258 are paddle type. Models 194, 284, 285 have Trigger Speed Control for use on 50-60 Hz, AC only.

bearings: Models 140, 194: 1 ball, 5 oil impregnated. Models 226, 284, 255, 239, 236, 285, 258: 4 ball, 2 needle. Models 428, 444: 3 ball, 3 needle.

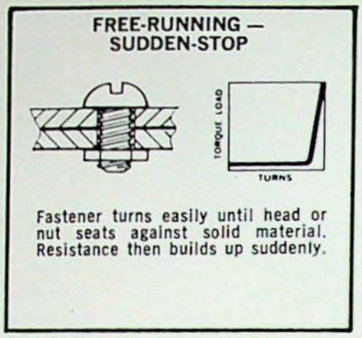
equipment: Models 226, 284, 194, 140, 236, 239, 285, 258 and 255 include No. 6764 bit; No. 21277 quick change finder. Models 428 and 444 have 6994 bit with finder.

model/item code no.	duty rating	clutch type	drive	Capacities: machine screws & nuts	Capacities: wood screws and self tapping screws	no load RPM	amp rating at 115 V	spindle offset, inches	overall length inches	net weight lbs.	shpg. weight lbs.
140	standard	positive	¼" hex.	No. 12	No. 10	900	2.5	1	10 9/16	3½	5
140-18	standard	positive	¼" hex.	No. 12	No. 10	1800	2.5	1	10 9/16	3½	5
140-25	standard	positive	¼" hex.	No. 12	No. 10	2500	2.5	1	10 9/16	3½	5
194	standard	positive	¼" hex.	No. 12	No. 10	0-900	2.5	1	10 9/16	3½	5
226	heavy	positive	¼" hex.	¼"	No. 12	750	3.0	13/16	11¼	3⅞	5¼
226-10	heavy	positive	¼" hex.	¼"	No. 12	1000	3.0	13/16	11¼	3⅞	5¼
226-15	heavy	positive	¼" hex.	¼"	No. 12	1500	3.0	13/16	11¼	3⅞	5¼
284	heavy	positive	¼" hex.	¼"	No. 12	0-750	3.0	13/16	11¼	3⅞	5¼
284-10	heavy	positive	¼" hex.	¼"	No. 12	0-1000	3.0	13/16	11¼	3⅞	5¼
284-15	heavy	positive	¼" hex.	¼"	No. 12	0-1500	3.0	13/16	11¼	3⅞	5¼
428	heavy	positive	7/16" hex.	⅜"	No. 16	750	6.0	1⅛	15⅞	7¾	9¼
428-10	heavy	positive	7/16" hex.	⅜"	No. 16	1000	6.0	1⅛	15⅞	7¾	9¼
239	heavy	anti-ratcheting	¼" hex.	¼"	No. 12	750	3.0	13/16	11½	4⅛	6
255	heavy	anti-ratcheting	¼" hex.	¼"	No. 12	750	3.0	13/16	14⅛	4½	7¼
255-10	heavy	anti-ratcheting	¼" hex.	¼"	No. 12	1000	3.0	13/16	14⅛	4½	7¼
236	heavy	adjustable	¼" hex.	¼"	No. 12	750	3.0	13/16	11¼	3⅞	5¼
236-18	heavy	adjustable	¼" hex.	¼"	No. 12	1800	3.0	13/16	11¼	3⅞	5¼
236-25	heavy	adjustable	¼" hex.	¼"	No. 12	2500	3.0	13/16	11¼	3⅞	5¼
285	heavy	adjustable	¼" hex.	¼"	No. 12	0-750	3.0	13/16	11¼	3⅞	5¼
285-18	heavy	adjustable	¼" hex.	¼"	No. 12	0-1800	3.0	13/16	11¼	3⅞	5¼
285-25	heavy	adjustable	¼" hex.	¼"	No. 12	0-2500	3.0	13/16	11¼	3⅞	5¼
258	heavy	adjustable	¼" hex.	¼"	No. 12	750	3.0	13/16	14	4¼	6
258-10	heavy	adjustable	¼" hex.	¼"	No. 12	1000	3.0	13/16	14	4¼	6
444	heavy	adjustable	7/16" hex.	⅜"	No. 16	750	6.0	1⅛	15⅞	7¾	9¼
444-10	heavy	adjustable	7/16" hex.	⅜"	No. 16	1000	6.0	1⅛	15⅞	7¾	9¼

For Accessories, See Pages 48-49

SKIL AIR SCREWDRIVERS

New from Skil — 46 heavy-duty, air-powered production screwdrivers. One for every need. Choose from lever or pistol grip models . . . reversing or non-reversing. Choose the clutch type and speed required for each of your applications. All models include latest air tool advances, and top quality precision construction for efficient, quiet operation. Ideal for in-plant assembly lines, boat builders, cabinet shops, etc. Skil air powered drivers increase production and lower costs.


FREE-RUNNING — SUDDEN-STOP
TORQUE LOAD
TURNS
Fastener turns easily until head or nut seats against solid material. Resistance then builds up suddenly.
SOFT PULL-UP
TORQUE LOAD
TURNS
Screw turns easily until head or nut seats, then resistance gradually builds up through one or more turns as resilient material is compressed.

S-10-P Series

Choice of 23 Pistol Handle Models
3 Clutch Styles: 11 Reversing Models;
12 Non-Reversing Models.

S-10-L Series

Choice of 23 Lever Type Models
3 Clutch Styles: 11 Reversing Models;
12 Non-Reversing Models.

CHECK THESE FEATURES

- **Advanced clutch design** assures stable torque output when driving all types of screws
- **Extra-quiet mufflers** reduce noise level on production lines, increase operator efficiency
- **Side adjustable exhaust discharge** directs air where you want it — away from operators
- **Built-in adjustable air regulator** for accurate speed control
- **Automatic oiler** provides continuous lubrication to motor. (Pistol handle models only)
- **Spindle offset only** 13/16" for driving in tight spots
- **Lightweight balanced design** for ease of operation. Handles shaped for comfort
- **Low air consumption**
- **Motor housings, gear cases, mufflers and clutches** are interchangeable within this series to adapt tools to changing job conditions*

*For conversions, see your local Skil Factory Service Center.

Precision 5 vane air motors provide smoother operation with added power.

Hardened alloy steel gears. Three planet gears in each reduction stage for longer life, minimum maintenance.

Reversing control conveniently located.

ANTI-RATCHETING CLUTCH UNITS†

For precise assembly line operations. Torque is easily preset externally on this type of clutch. Clutch will disengage when preset torque is reached.

TYPICAL APPLICATION

- FREE RUNNING — SUDDEN STOP
- SOFT PULL UP

Use where torque requirements are more critical.
(SEE SKETCHES ABOVE)

ADJUSTABLE CLUTCH UNITS†

For assembly of material of uniform density.
Clutch will ratchet when preset torque is reached.

TYPICAL APPLICATION

- FREE RUNNING — SUDDEN STOP
- SOFT PULL UP

Use for normal torque control.
(SEE SKETCHES ABOVE)

POSITIVE CLUTCH UNITS†

For wood and self-tapping screws. Excellent for use where torque requirement may vary as it relates to material density and size of fastener. Torque varies with operator pressure.

TYPICAL APPLICATION

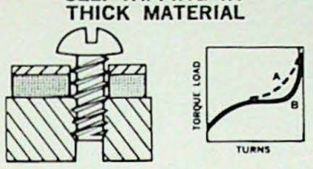
- SELF-TAPPING IN THICK MATERIAL
- SHEET METAL SCREWS
- WOOD SCREWS
- LOCK NUTS

(SEE SKETCHES, PAGE 45)

†All three of the above clutch types may be used on applications other than those listed as typical. Performance, however, will vary in accordance with the application.

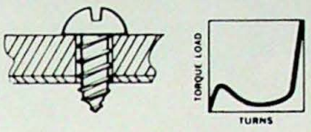
SKIL AIR SCREWDRIVERS

SELF-TAPPING IN THICK MATERIAL



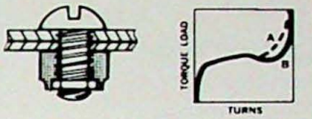
Fastener encounters increasingly heavy resistance through entire travel until screw head seats. Then either (A) gradual, or (B) sudden final buildup of resistance occurs depending on material composition.

SHEET METAL SCREWS



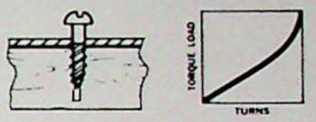
Resistance increases rapidly at first, then eases. Resistance usually builds up suddenly when screw head seats.

LOCK NUTS



Starts with heavy resistance that lasts through entire travel until screw or nut seats. At that point either (A) gradual, or (B) sudden build-up of resistance occurs depending on material composition.

WOOD SCREWS



Starts with small resistance that steadily increases through entire travel with greater build up as screw head seats.

SPECIFICATIONS — ANTI-RATCHETING CLUTCH UNITS

duty rating: Heavy
equipment: No. 6764 Bit; No. 21277 non-rotating screw finder; and No. 23019 wrench. Lever models have No. 68185 vertical suspension bail. Pistol grip models have built-in oiler.

air inlet size: ¼" NPT.
hose size: 5/16" I.D. recommended. Operate at 90 PSI.

model/item code no.	air motor type	output torque range (inch-lbs.) soft make-up	output torque range (inch-lbs.) hard make-up	no load RPM	overall length inches	net weight, lbs.	shpg. weight, lbs.
S-10-P ¼" Hexagonal Female Chuck — Pistol Handle							
68978	Reversible	8-75	10-75	400	10 3/8	3 5/8	4 3/8
68979		8-70	15-80	650	10 3/8	3 5/8	4 3/8
68980		8-45	20-55	950	10 3/8	3 5/8	4 3/8
68976	Non-Reversible	8-75	15-80	600	10 3/8	3 5/8	4 3/8
68977		8-75	20-85	1000	10 3/8	3 5/8	4 3/8
S-10-L ¼" Hexagonal Female Chuck — Lever Handle							
68855	Reversible	8-75	10-75	400	11 5/8	3 1/4	3 3/4
68856		8-70	15-80	650	11 5/8	3 1/4	3 3/4
68857		8-45	20-55	950	11 5/8	3 1/4	3 3/4
68850	Non-Reversible	8-75	15-80	600	11 1/8	3 1/8	3 5/8
68851		8-75	15-80	1000	11 1/8	3 1/8	3 5/8

SPECIFICATIONS — ADJUSTABLE CLUTCH UNITS

duty rating: Heavy
equipment: No. 6764 Bit; No. 21277 non-rotating screw finder. Lever models have No. 68185 vertical suspension bail. Pistol grip models have built-in oiler.

air inlet size: ¼" NPT.
hose size: 5/16" I.D. recommended. Operate at 90 PSI.

model/item code no.	air motor type	output torque range (inch-lbs.) soft make-up	output torque range (inch-lbs.) hard make-up	no load RPM	overall length inches	net weight, lbs.	shpg. weight, lbs.
S-10-P ¼" Hexagonal Female Chuck — Pistol Handle							
68986	Reversible	5-75	10-80	400	10 1/8	3 1/2	4 1/4
68987		5-70	10-80	650	10 1/8	3 1/2	4 1/4
68988		10-45	15-80	950	10 1/8	3 1/2	4 1/4
68989		10-25	20-50	1800	9 1/8	3 1/2	3 7/8
68981	Non-Reversible	5-75	10-80	600	10 1/8	3 1/2	4 1/4
68982		10-75	15-80	1000	10 1/8	3 1/2	4 1/4
68983		10-50	15-80	1500	10 1/8	3 1/2	4 1/4
68984		10-25	20-50	2000	9 1/8	3 1/2	3 7/8
68985		10-30	20-60	2500	9 1/8	3 1/8	3 7/8
S-10-L ¼" Hexagonal Female Chuck — Lever Handle							
68864	Reversible	5-75	10-80	400	11 3/8	3	3 1/2
68865		5-70	10-80	650	11 3/8	3	3 1/2
68866		10-45	15-80	950	11 3/8	3	3 1/2
68867		10-25	20-50	1800	10 1/2	2 3/4	3 1/4
68859	Non-Reversible	5-75	10-80	600	10 3/4	3	3 1/2
68860		10-75	15-80	1000	10 3/4	3	3 1/2
68861		10-50	15-80	1500	10 3/4	3	3 1/2
68862		10-25	20-50	2000	9 7/8	2 5/8	3 1/8
68863		10-30	20-60	2500	9 7/8	2 5/8	3 1/8

SPECIFICATIONS — POSITIVE CLUTCH UNITS

duty rating: Heavy
equipment: No. 6764 Bit; No. 21277 non-rotating screw finder. Lever models have No. 68185 vertical suspension bail. Pistol grip models have built-in oiler.

air inlet size: ¼" NPT.
hose size: 5/16" I.D. recommended. Operate at 90 PSI.

model/item code no.	air motor type	maximum torque output (inch-lbs.) soft make-up	maximum torque output (inch-lbs.) hard make-up	no load RPM	overall length inches	net weight, lbs.	shpg. weight, lbs.
S-10-P ¼" Hexagonal Female Chuck — Pistol Handle							
68995	Reversible	90	100	400	9 7/8	3 1/4	3 3/4
68996		70	80	650	9 7/8	3 1/4	3 3/4
68997		45	55	950	9 7/8	3 1/4	3 3/4
68998		25	45	1800	8 7/8	3	3 1/2
68990	Non-Reversible	90	100	600	9 7/8	3 1/4	3 3/4
68991		80	100	1000	9 7/8	3 1/4	3 3/4
68992		50	80	1500	9 7/8	3 1/4	3 3/4
68993		25	50	2000	8 7/8	3	3 1/2
68994		30	60	2500	8 7/8	3	3 1/2
S-10-L ¼" Hexagonal Female Chuck — Lever Handle							
68873	Reversible	90	100	400	11 1/8	2 7/8	3 1/8
68874		70	80	650	11 1/8	2 7/8	3 1/8
68875		45	55	950	11 1/8	2 7/8	3 1/8
68876		25	45	1800	10 1/8	2 1/2	2 3/4
68868	Non-Reversible	90	100	600	10 1/2	2 3/4	3 1/8
68869		80	100	1000	10 1/2	2 3/4	3 1/8
68870		50	80	1500	10 1/2	2 3/4	3 1/8
68871		25	50	2000	9 5/8	2 1/2	2 3/4
68872		30	60	2500	9 5/8	2 1/2	2 3/4

For Accessories, see Pages 48-49.

SKIL SCREWDRIVERS

"DRYWALL" UNIT

Fast, easy, low cost way to install drywall (wallboard) panels to metal or wood studs. Drives drywall screws to exact desired depth without marring or damaging panels or screwheads. This heavy duty tool is designed for continuous all day use yet is the most compact and lightweight tool of its kind. Has extremely short front end. Powerful, heavy-duty 4 amp motor.

Easy depth adjustment with foolproof locking collar and depth locator which quickly pre-sets for "dimple-sinking" screws below panel surfaces. Bit disengages automatically when preset depth is reached. No nail pop-ups. Panel surfaces are not marred or broken! Joint cementing and sanding is much faster and easier. All ball and needle bearing construction. Reversing toggle switch is out of the way under the handle.

MODEL 289 REVERSING
Heavy Duty 2500 RPM

- Short front end allows operator to get closer to work — eliminates bit wobble
- Minimum offset for driving screws in confined areas such as in ceiling corners
- Spring loaded depth control. Easy to adjust. Positive retention of setting.
- Optional 1800 RPM Model 289-18 for driving screws into light gauge steel studding — no stripped screws
- Special seal protects front bearing from dust

MODEL 289-72

- Model 289 with 25 ft. long cord

SELF-DRILLING FASTENER UNITS

Specifically designed for driving self-drilling fasteners, for attaching metal to metal or metal to wood on "in plant" or job site projects. Spring loaded depth control is easy to adjust. Positive retention of setting.

NEW!

MODEL 292 REVERSING WITH TRIGGER SPEED CONTROL
Heavy Duty, 0 to 2500 RPM

- Includes all outstanding features of Model 288 plus Skil's patented reversing Trigger Speed Control
- Trigger Speed Control lets you start at low RPM — then speed up as fastener takes hold. Eliminates marring and scratching on pre-painted surfaces
- New industrial-duty switch designed for continuous use
- Reversing lever conveniently located for finger tip control —cannot be reversed while tool is running

MODEL 288 REVERSING
Heavy Duty, 2500 RPM

- Compact mechanism and overall tool length of only 8½" allows operator to get close to work — eliminates bit wobble
- Powerful 4 amp motor
- Weighs only 3½ lbs. to reduce operator fatigue even on day long work
- In-line design for driving screws in confined areas
- Heavy-duty reversing switch located under handle
- Shortest, lightest, most compact tool of this type

MODEL 288-72

- Model 288 with 25 ft. long cord

SPECIFICATIONS

switch: Enclosed momentary contact trigger switch with locking button. Models 288, 289 have toggle reversing switch under handle. Model 292 has 50-60 Hz., AC only Trigger Speed Control switch with locking button and reversing lever in front of trigger.

bearings: 4 ball; 2 needle.

equipment: Model 289 includes No. 69525 Magnetic Bit Holder and 26626 Bit. Models 288 and 292 include No. 67316 No. 2 Phillips bit.

"DRYWALL" AND SELF-DRILLING FASTENER UNITS

model/item code no.	clutch type	drive	capacities: thread cutting screws	capacities: machine screws and nuts	capacities: wood screws and self-tapping screws	spindle offset, inches	no load RPM	amp. rating at 115V	overall length, inches	net weight, lbs.	shpg. weight, lbs.
289 289-18 289-72*	positive	¼" hex.	No. 6 Drywall Screws	¼"	No. 12	27/32	2500 1800 2500	4.0	10	3½	5
288 288-72* 292	positive	¼" hex.	¼" dia. or No. 12 sheet metal screws	¼"	No. 12	27/32	2500 2500 0 — 2500	4.0	8½ 9¼ 8½	3¼	4¾

*With 25' long cord

For Accessories, See Pages 47-49

CHECK NEW FASTENING METHODS FOR COST SAVINGS

New self-drilling screws have revolutionized assembly of structural and other members of metal, wood, composition including "Drywall" installations. Use of self-drilling screws eliminates older methods of nailing or pre-drilling screw holes . . . and accomplishes jobs faster, provides spectacular labor savings and gives far more secure assembly.

New Skil Drivers have been developed right along with these new fasteners and assembly systems. Thoroughly "job proven" — specialized Skil Drivers are highly recommended by fastener and drywall manufacturers as well as users. They take fullest advantage of savings offered by these new systems.

- Each driver is powered by a full 4 amp Skil built "Burn-out Protected" Motor. Provides extra power for more work, more savings.
- They are lighter, more compact and shorter in length for easy all day use.
- Newly designed nose piece is shorter and tapered for excellent work visiblility, spring loaded for easy adjustment of depth setting. Nose piece cannot fall off. Should fastener need to be backed out — adjustment is easy and quick, yet can be returned to original setting — no guessing, no searching.
- There's a Skil Driver suited for every job. Two special models include: 1) an 1800 RPM Drywall unit for driving fasteners in some light gauge steel studding; 2) an exclusive Self-Drilling Fastener Driver with Trigger Speed Control which prevents marring of new "pre-painted" surfaces.
- 25 Foot Cord Models available.
- Drywall Drivers can be changed over for self drilling fastener use by changing bit holder and bit.
- Heavy-duty construction throughout — built for low maintenance and long "on the job" life under tough conditions.

"DRYWALL" SCREWDRIVER ACCESSORIES

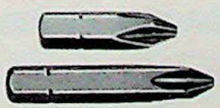
MAGNETIC BIT HOLDERS

No. 69525 — For Model 289.

No. 26625 — For Models 240 and 273.

NON-MAGNETIC BIT HOLDER

No. 67311 — Can be used with Model 289 Drywall Driver and proper bit (see right) for driving self-drilling fasteners.



No. 2 PHILLIPS BITS

No. 26626 — For Models 240 and 289 Drivers.

No. 26627 — For Model 273 Driver.

STOP SLEEVE

No. 69524 — Replacement for Model 289-T1 Driver.

SELF-DRILLING FASTENER DRIVER ACCESSORIES

BITS FOR SLOTTED HEAD SCREWS

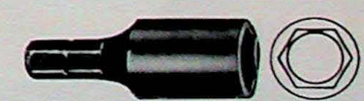
part/item code no.	size	part/item code no.	size
67301	No. 6	67303	No. 10
67302	No. 8	67304	No. 12
		67305	1/4"

BITS FOR POZIDRIV HEAD SCREWS

part/item code no.	size	part/item code no.	size
67312	No. 1	67313	No. 2
		67314	No. 3

BITS FOR PHILLIPS SCREWS

part/item code no.	size	part/item code no.	size
67315	No. 1	67316	No. 2
		67317	No. 3



NUTSETTERS

Use with all Hex-Washer Head Self-Driving Fasteners

Magnetic		Non-Magnetic	
part/item code no.	socket-size	part/item code no.	socket-size
68807	3/16	67307	3/16
68808	1/4	67308	1/4
68809	5/16	67309	5/16
68810	3/8	67310	3/8

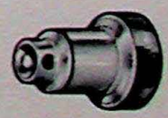
EXTENSION

part/item code no.	length
67306	2 1/8"

Note: All bits and nutsetters are 1/4" Hex-Insert type.

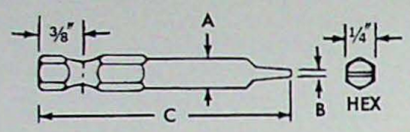
No. 73216 STOP AND ADJUSTING SLEEVE ASSEMBLY

Replacement for Model 288-T1.



SKIL SCREWDRIVER ACCESSORIES

BITS — FOR SLOTTED HEAD SCREWS



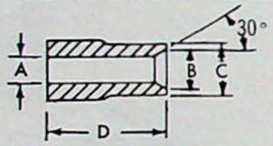
1/4" Hexagon Shank

Fits all 1/4" hex drive screwdrivers. Use on all S-10 Series Air Screwdrivers and electric Models 132, 133, 139, 140, 172, 173, 194, 226, 235, 236, 239, 255, 258, 272, 284, 285, 316 and 346. Finder listed below.

part/ item code no.	bit size	wood screws flat	wood screws round	machine screws flat*	machine screws round	A inches	B inches	C inches
6761	4F- 5R	4	5	4	5	.187	.034	1 15/16
6762	5F- 6R	5	6	5	6	.250	.036	1 15/16
6763	6F- 8R	6	8	6	8	.250	.038	1 15/16
6764	8F-10R	8	10	8	10	.275	.042	1 15/16
6765	10F-12R	10	12	10	12	.312	.046	1 15/16
6766	12F-14R	12	14	12	1/4	.360	.050	1 15/16
6534	4F- 5R	4	5	4	5	.187	.034	3 1/2
6535	5F- 6R	5	6	5	6	.250	.036	3 1/2
6536	6F- 8R	6	8	6	8	.250	.038	3 1/2
6537	8F-10R	8	10	8	10	.275	.042	3 1/2
6538	10F-12R	10	12	10	12	.312	.046	3 1/2
6539	12F-14R	12	14	12	1/4	.360	.050	3 1/2

*Also for oval, fillister and binding head screws.

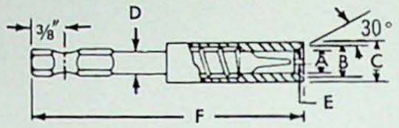
FINDERS — FOR SLOTTED HEAD SCREWS



Use on all S-10 Series Air Drivers and electric Models 139, 140, 194, 226, 235, 236, 239, 255, 258, 272, 284 and 285. Bits listed above.

**part/ item code no. bit & finder	bit size	A for screwhead dia. inches min.	B for screwhead dia. inches max.	C nose dia. inches	D overall length inches
21274	4F- 5R	.196	.250	5/16	1 11/32
21275	5F- 6R	.260	.312	3/8	1 11/32
21276	6F- 8R	.260	.375	7/16	1 11/32
21277	8F-10R	.290	.437	1/2	1 11/32
21278	10F-12R	.323	.468	17/32	1 11/32
21279	12F-14R	.375	.515	9/16	1 11/32

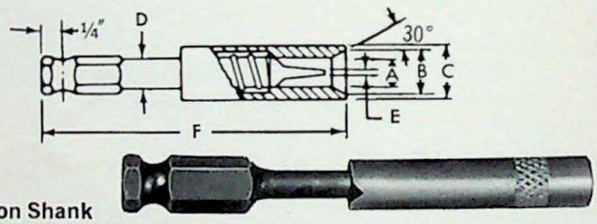
BITS — WITH FINDERS FOR SLOTTED HEAD SCREWS



1/4" Hexagon Shank

Fits all 1/4" hex drive screwdrivers. Use on all S-10 Series Air drivers and electric Models 132, 133, 139, 140, 172, 173, 194, 226, 235, 236, 239, 255, 258, 272, 284, 285, 316 and 346.

**part/ item code no. bit & finder	bit size	A for screwhead dia. inches min.	B for screwhead dia. inches max.	C nose dia. inches	D bit body dia. inches	E blade thickness inches	F overall lgth. inches
6771	5F- 6R	.203	.296	3/8	.193	.032	3 3/4
6772	6F- 8R	.250	.390	7/16	.241	.036	3 3/4
6773	8F-10R	.297	.437	1/2	.290	.040	3 3/4
6774	10F-12R	.359	.500	9/16	.350	.046	3 3/4
6775	5F- 6R	.203	.296	3/8	.193	.032	6 3/4
6776	6F- 8R	.250	.390	7/16	.241	.036	6 3/4
6777	8F-10R	.297	.437	1/2	.290	.040	6 3/4
6778	10F-12R	.359	.500	9/16	.350	.046	6 3/4



7/16" Hexagon Shank

Fits Models 428, 444, 305, 306, 308, 309, 335, 336 and 339 screwdrivers.

**part/ item code no. bit & finder	bit only	bit size	A for screwhead dia. inches min.	B for screwhead dia. inches max.	C nose dia. inches	D bit body dia. inches	E blade thickness inches	F overall lgth. inches
6991	6551	6F- 8R	.250	.390	7/16	.241	.036	3 3/4
6992	6552	8F-10R	.297	.437	1/2	.290	.040	3 3/4
6993	6553	10F-12R	.359	.500	9/16	.350	.046	3 7/8
6994	6554	12F-14R	.406	.546	5/8	.395	.050	3 7/8
6995	6555	14F-16R	.472	.609	11/16	.457	.055	4 1/8
6996	6556	16F-20R	.516	.656	3/4	.503	.057	4 1/8
6998	6557	20F-22R	.563	.703	13/16	.545	.062	4 1/8
6135	6558	24F-24R	.609	.857	15/16	.595	.066	4 1/8

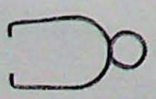
**NOTE: To select proper part no. measure diameter of screwhead. This should be somewhere between minimum and maximum diameters ("A" and "B") of part no. selected.

NO. 6767 BALANCE REEL

Spring action keeps tool out of way above work. Externally adjustable for desired counterbalance. Six foot nylon sheathed cable. Capacity 0-10 lbs.

No. 68185 SUSPENSION BAIL.

Fits all S-10L Air Screwdrivers. Permits vertical suspension of tool over work.



LUBRICANTS—For all Driver Models.

GEAR CASE:

No. 252 — 5 3/8 oz. Tube

No. 251 — 2 lb. can

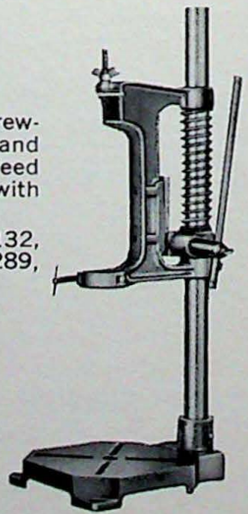
CLUTCH ASSEMBLY:

No. 73214 — 5 3/8 oz. Tube

NO. 6401 SCREWDRIVER STAND

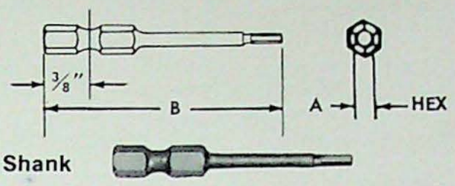
Sturdy stand quickly converts SKIL Screwdrivers into stationary tools. Unique rack and pinion action produces smooth uniform feed in any position. Provides fast driving with little effort.

For Models 194, 226, 236, 239, 284, 285, 132, 133, 139, 140, 172, 173, 235, 272, 288, 289, 292.



SKIL SCREWDRIVER ACCESSORIES

BITS — FOR HEX SOCKETS SCREWS

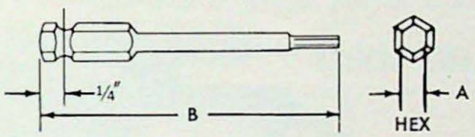


1/4" Hexagon Shank

For all screwdrivers with 1/4" hex drive. Use on all S-10 Series Air Screwdrivers and electric Models 132, 133, 139, 140, 172, 173, 194, 226, 235, 236, 239, 255, 258, 272, 284, 285, 316 and 346. Finders are not required.

part/ item code no.	socket head cap screw	flat head socket cap screw	socket set screw	A inches	B inches
6893	No. 5-6	No. 8	No. 10-12	3/32	1 15/16
6894	No. 8	No. 10-12	1/4	1/8	1 15/16
6895	No. 10-12	1/4	5/16	3/32	1 15/16
6896	1/4	5/16	3/8	3/16	1 15/16
26297*	No. 6	..	..	7/64	1 15/16
26299*	No. 8	..	..	1/8	1 15/16

*For new "1960 Series" screws.

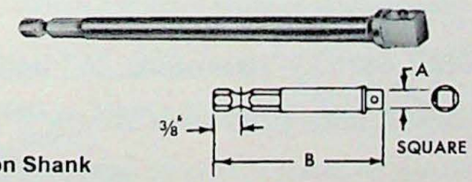


7/16" Hexagon Shank

For all screwdrivers with 7/16" hex drive. Use on Models 428, 444, 305, 306, 308, 309, 335, 336, 338, and 339 screwdrivers. Finders are not required.

part/ item code no.	socket head cap screw	flat head socket cap screw	socket set screw	pipe plug	A inches	B inches
6671	1/4	5/16	3/8	1/8	3/16	3 1/2
6672	5/16	3/8	7/16	..	7/32	3 1/2
6673	..	7/16	1/2	1/4	1/4	3 1/2
6674	3/8, 7/16	1/2	5/8	3/8	5/16	3 1/2
6675	1/2, 5/16	5/8	3/4	1/2	3/8	3 1/2

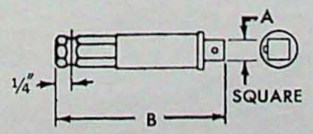
SOCKET WRENCH SHANKS



1/4" Hexagon Shank

For all screwdrivers with 1/4" hex drive. Use on all S-10 Series Air Screwdrivers and Electric Models 132, 133, 139, 140, 172, 173, 194, 226, 236, 239, 255, 258, 272, 284, 285, 316, 346.

part/item code no.	A inches	B inches
6791	1/4	2
6792	1/4	6
6793	3/8	3
6794	3/8	6

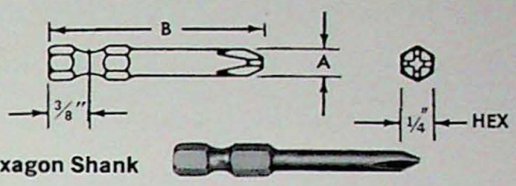


7/16" Hexagon Shank

Fits 7/16" hex drive screwdriver Models 428, 444, 305, 306, 308, 309, 335, 336, 338, 339.

part/item code no.	A inches	B inches
6661	3/8	2 3/4
6662	3/8	5
6663	1/2	2 3/4
6664	1/2	5

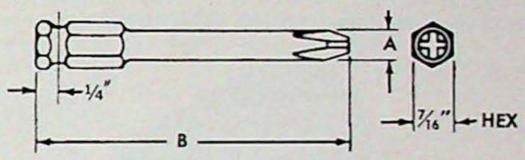
BITS — FOR PHILLIPS HEAD SCREWS



1/4" Hexagon Shank

For all screwdrivers with 1/4" hex drive. Use on all S-10 Series Air Screwdrivers and electric Models 132, 133, 139, 140, 172, 173, 194, 226, 235, 236, 239, 255, 258, 272, 284, 285, 316 and 346. Finders are not required.

part/ item code no.	point size	wood screws: flat and oval	wood screws: round	machine screws: flat, oval and binding	machine screws: round and fillister	A inches	B inches
		Nos.	Nos.	Nos.	Nos.		
6781	1	4 and smaller	4 and smaller	4 and smaller	4 and smaller	.187	1 15/16
6782	1					.187	3 1/2
6783	2	5 to 9	5 to 10	5 to 10	5 to 10	.248	1 15/16
6784	2	5 to 9	5 to 10	5 to 10	5 to 10	.248	3 1/2
6785	3	10 to 16	12 to 16	12 to 1/4	12 to 5/16	.312	1 15/16
6786	3	10 to 16	12 to 16	12 to 1/4	12 to 5/16	.312	3 1/2



7/16" Hexagon Shank

For all screwdrivers with 7/16" hex drive. Use on Models 428, 444, 305, 306, 308, 309, 335, 336, 338 and 339 screwdrivers. Finders are not required.

part/ item code no.	point size	wood screws: flat and oval	wood screws: round	machine screws: flat, oval and binding	machine screws: round and fillister	A inches	B inches
		Nos.	Nos.	Nos.	Nos.		
6651	2	5 to 9	5 to 10	5 to 10	5 to 10	.248	3 1/2
6652	2	5 to 9	5 to 10	5 to 10	5 to 10	.248	4 1/2
6653	3	10 to 16	12 to 16	12 to 1/4	12 to 5/16	.312	3 1/2
6654	3	10 to 16	12 to 16	12 to 1/4	12 to 5/16	.312	4 1/2
6655	4	18 to 24	18 to 24	5/16 to 1/2	3/8 to 1/2	.373	3 1/2
6656	4	18 to 24	18 to 24	5/16 to 1/2	3/8 to 1/2	.373	4 1/2

GUIDE BUSHINGS

For use on all S-10 Series Air Drivers and Electric Models 139, 140, 194, 226, 236, 239, 255, 258, 284 and 285. Guide bushings used with Phillips point bits prevent bit wobble.

No. 73187 for No. 1 Phillips Point
No. 73188 for No. 2 Phillips Point
No. 73189 for No. 3 Phillips Point

1/4" SQUARE DRIVE SOCKETS — Standard Length For 1/4" hex drive screwdrivers.
Use with Nos. 6791, 6792 Socket Wrench Shanks.

part/item code no.	size across flats, inches
6681	1/4
6682	5/32
6683	5/16
6684	11/32
6685	3/8
6686	7/16

NOTE: For additional sockets, see page 53.

SKIL AIR IMPACT WRENCHES

RUGGED, LIGHTWEIGHT, HIGH-OUTPUT SKIL AIR IMPACT WRENCHES, OFFERED IN BOTH PISTOL AND LEVER MODELS.

Provide greatest versatility for assembly line, maintenance, steel erection and job site applications. Skil wrenches are designed for long life, maximum dependability, low repair cost.

Choose from compact models, standard and heavy duty ½" capacity, heavy-duty ¾" units or Skil's patented exclusive angle-head Imp Wrench — ten models in all.

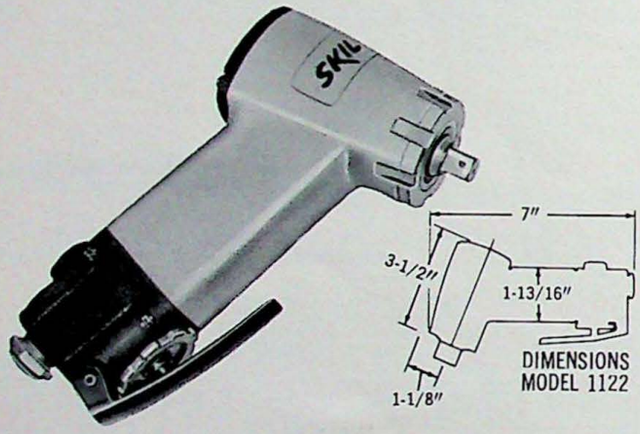
CHECK THESE FEATURES

THEY MAKE SKIL WRENCHES THE MOST DEPENDABLE IN THEIR CLASS

- **Instant start air motor and smooth throttling** for precise control, from low to full torque output.
- **Skil's patented "Balanced Blow" impact mechanism** has two cam-actuated jaws that strike the anvil simultaneously. Single blow per revolution assures most efficient, highest torque delivery. No destructive internal stress or jarring kickback as with single jaw wrenches. Greater durability.
- **Modular design — Impact Mechanism, Motor or Throttle Valve** can be serviced separately for quick maintenance. Reduces down time and repair cost.
- **All working parts of finest quality alloy steel.** Precision machined, double heat treated to resist wear and breakage.
- **Hardened stainless steel "forward-reverse" valve** for durability. Conveniently located.
- **Low air consumption.** Imp Wrench and Compact Models can be used with extra flexible, super thin, air hose with no loss in output.
- **Extra strong steel front housings** for rugged industrial requirements. Models 1111 and 1122 have high strength cast aluminum alloy housings.
- **Rugged aluminum alloy motor housing** for long life and light weight.
- **Built-in oiler** automatically meters oil to air motor (except Model 1122).
- **Built-in air regulator** for torque-speed control.

IMP WRENCH

EXCLUSIVE "HAND SPEED WRENCH"



MODEL 1122 — Heavy-Duty, ⅜" Square Drive ¼" Bolt Capacity

Unique design with impact mechanism in angled head gets into restricted places and delivers full torque output — no power robbing angle attachments needed. Fits into hand, weighs only 2¾ lbs. Puts power where only tedious time consuming hand tools could be used before. Does not need "swing room" required by hand tools. No bruised knuckles.

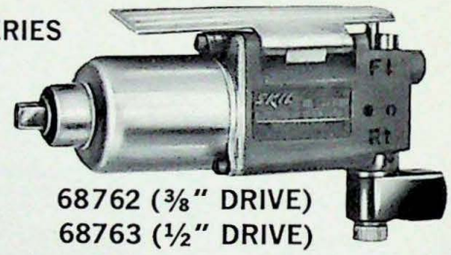
- Shortest work head of any wrench — only 3½"
- Uses standard ⅜" square drive sockets
- Ball and needle bearing construction with precision high-capacity bronze bearing for output spindle
- Built-in torque-speed control. Dial the right power for the job
- Operates efficiently even with extra flexible, super thin hose
- Easy-to-use forward-reverse valve
- Natural hand grip lever throttle control

No. 72740 FLAT ATTACHMENT

- Mounts on Model 1122 in any position to reach spots normally accessible to hand wrenches only
- Extends "reach" a full 8 inches

W-10 SERIES COMPACT WRENCHES

W-10-L SERIES



68762 (⅜" DRIVE)
68763 (½" DRIVE)

MODEL 68762 — Heavy-Duty, ⅜" Square Drive ¼" Bolt Capacity

- Convenient lever throttle control — ideal for overhead suspension on assembly lines
- One-piece steel front housing withstands toughest industrial use
- Built-in automatic motor oiler
- Impact can be varied from low to full torque output through the combination of unique Skil air motor and easy action impact mechanism
- Easy starting air motor — five spring-actuated vanes
- Compact design — weighs only 2¾ lbs.
- All ball bearing construction with precision high-capacity bronze bearing for output spindle
- Delivers 1500 powerful blows per minute
- Air inlet connector swivels 360°

MODEL 68763 — Heavy-Duty, ½" Square Drive ¼" Bolt Capacity

- Same as Model 68762 above but with ½" square drive

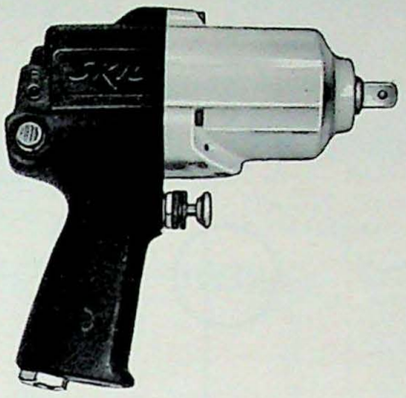
W-10-P MODEL

MODEL 68764 — Heavy-Duty, ½" Square Drive ¼" Bolt Capacity

- Comfortable pistol-grip handle
- One-piece steel front housing withstands toughest industrial use
- Built-in automatic motor oiler
- Fingertip throttle control with adjustable torque-speed regulator
- Impact can be varied from low to full torque output through the combination of unique Skil air motor and easy action impact mechanism
- Easy starting air motor — five spring-actuated vanes
- Compact, lightweight — delivers 1500 powerful blows per minute

SKIL AIR IMPACT WRENCHES

½ INCH SQUARE DRIVE PISTOL GRIP MODELS



MODEL 1111 — Standard Duty, ½" Square Drive ½" Bolt Capacity

- Comfortable pistol grip handle
- Easy starting air motor — four spring actuated vanes
- Smooth operating fingertip throttle control with adjustable torque-speed regulator
- Impact can be varied from low to full torque output through the combination of unique Skil air motor and easy action impact mechanism
- Aluminum alloy die cast housings for light weight, less user fatigue
- Built-in, large capacity, automatic motor oiler
- Outperforms other wrenches in its class

1080 (½" DRIVE)
1081 (⅝" DRIVE)

MODEL 1080 — Heavy-Duty, ½" Square Drive 7/16" Bolt Capacity

- Comfortable pistol grip handle
- One-piece steel front housing withstands toughest industrial use
- Fingertip throttle control, adjustable torque-speed regulator
- Six vane air motor provides extra power, longer life
- Built-in,large capacity automatic oiler

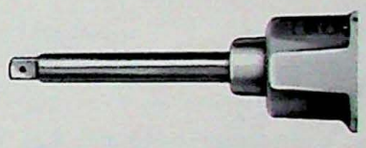
MODEL 1081 — Heavy-Duty, ⅝" Square Drive 7/16" Bolt Capacity

- Same features as Model 1080 but with ⅝" square drive for more demanding production applications

W-57-P SERIES ¾ INCH PISTOL GRIP MODELS

MODEL 68444 — Heavy-Duty, ¾" Square Drive — Thru-Hole Anvil ¾" Bolt Capacity

- Comfortable pistol grip handle
- Spring actuated air motor vanes for positive starting even at low throttle
- Built-in large capacity automatic motor oiler
- Built-in torque-speed regulator
- Five vane motor for smooth running and extra power to drive or remove large nuts, bolts, screws, studs
- Tremendous power for heavy-duty use in spring shops, farm implement and equipment plants, tire shops; for heavy duty assembly, fleet operators
- Cast aluminum alloy motor housing with steel wear plate and ductile iron front housing to withstand severe industrial use
- Fingertip throttle control with adjustable torque-speed regulator
- Impact can be varied from low to full torque output through the combination of unique Skil air motor and easy action impact mechanism



MODEL 68445 — Heavy-Duty, ¾" Square Drive — 6" Extended Thru-Hole Anvil ¾" Bolt Capacity

- Same as Model 68444 above but has 6" extended anvil for hard to reach applications

MODEL 68446 — Heavy-Duty, No. 4 Spline Drive ¾" Bolt Capacity

- Same as Model 68444 above but with No. 4 Spline Drive for greater durability and driving power when used with spline drive sockets

SPECIFICATIONS

detent: All models have detent, except Models 68444, 68445, 68446, which have through hole anvil pin type retaining system.

recommended operating air pressure: 90 PSI.
air inlet size: ¼" NPT.

model/item code no.	drive type	bolt capacity, inches	blows per minute	no load speed RPM	torque ft. lbs.	minimum hose size—I.D., inches	overall length to shoulder, inches	net wt. lbs.	shpg. wt., lbs.
1122	⅜" square	¼	1300	12,500	90	7/32	3½	2¾	3¾
68762	⅜" square	¼	1500	11,500	80		6	2¾	4⅛
68763	½" square	¼	1500	11,500	80		6	2¾	4⅛
68764	½" square	¼	1500	13,800	80		5¾	3⅛	4⅝
1111	½" square	½	1200	7,000	250	5/16	6¾	5⅞	7⅜
1080	½" square	7/16	800	6,500	250		6⅞	6⅛	7⅝
1081	⅝" square	7/16	800	6,500	285		6⅞	6½	8
68444	¾" square	¾	960	7,000	700	⅜	8 1/16	12⅛	14⅛
68445	¾" square	¾					8 1/16 + 6	13½	15½
68446	No. 4-Spline	¾					8 5/16	12 7/16	14 7/16

Air regulator can be removed on Models 1111, 68444, 68445, 68446 at any Skil Factory Service Center if desired.

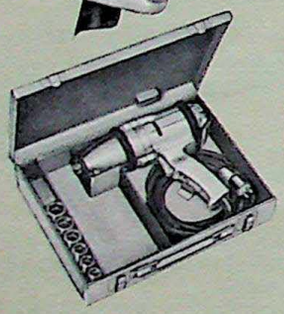
For Accessories, See Pages 53 and 55

SKIL ELECTRIC IMPACT WRENCHES

POWERFUL SKIL ELECTRIC IMPACT WRENCHES —USED FOR MORE JOBS THAN ANY OTHER TOOL!

Plug into any electric power supply and they are ready to go to work. Practically no torque reaction, regardless of application, assures comfort and safety. Use on utility poles, scaffolding, steel work; on site or in the shop.

Two models are offered. One is double insulated for use where grounding is inconvenient. Both are designed for maximum utility and handling ease. Heat treated alloy steel hammer and anvil, powerful Burnout Protected Motor, sturdy castings and gears assure top performance and long service.



MODEL 823 HEAVY DUTY, ½" Square Drive

- Delivers 2000 blows per minute. Proven mechanism with hardened alloy steel impact members for extended service
- Rubber bumper rings protect tool
- Forward/reversing interlocking switch conveniently located for direction change. Cannot be operated while tool is running
- Short overall length

MODEL 824 WRENCH KIT

- Kit includes Model 823 Impact Wrench, 6 sockets, steel carrying case

MODEL 471 HEAVY DUTY, ½" Square Drive

- Double Insulated for maximum electrical protection where grounding is inconvenient
- Rolling, balanced cam mechanism with hardened alloy steel impact members for smoother running and greater durability
- Most powerful impact wrench in its class — delivers 2000 blows per minute
- New industrial-duty switch designed for long service
- Interlocking reversing switch with conveniently located lever cannot be actuated while tool is running — prevents damage to work, protects motor
- Safety stop brush system — worn brushes cannot damage armature

CHECK SAVINGS BECAUSE SKIL WRENCHES HANDLE ALL THESE JOBS

- Install and remove wheels from all types of autos and vehicles.
- Set and remove bolts, nuts, lag screws, studs.
- Drill large holes in steel without torque reaction at break-through.
- Drill deep holes with wood auger bits in poles, construction timber. Reversible for easy removal of bits from hole, no torque reaction.
- Perform all fastening functions required in erection of metal buildings, grain storage bins, on construction sites.
- Drive taps for cutting threads in metal.
- Use with wire brushes to remove scale, rust, dirt.
- Use with Right Angle Attachment to perform many jobs in close quarters quickly, easily.

SPECIFICATIONS

switch: momentary contact trigger type with interlocked reverse.

bearings: Model 471 — 4 ball, 3 oil impregnated.
Model 823 — 4 ball, 2 needle, 1 roller, 1 oil impregnated.

equipment: Model 823 has two rubber bumper rings.
Model 824 includes Model 823 wrench, 6 Hex Sockets (½" to 13/16") and No. 21706 steel case.

model/item code no.	drive type	blows per min.	amp rating at 115V	overall length to shoulder	net weight, lbs.	shpg. weight, lbs.
471	½" square	2000	5.5	10⅞"	7	8½
823	½" square	2000	4.0	9½"	7	9½
824	½" square	2000	4.0	9½"	7*	16

*Tool only

For Accessories, See Pages 53 & 55

SKIL IMPACT WRENCH ACCESSORIES

STANDARD HEXAGON SOCKET

DEEP HEXAGON SOCKET

STANDARD 8 POINT SOCKET

UNIVERSAL JOINT

EXTENSION BAR

SQUARE DRIVE ADAPTER

1/4" SQUARE DRIVE ACCESSORIES

Fits 1/4" Square Drive wrenches and male adapters.

size across flats, inches	part/item code no. standard hexagon socket
1/4	6681
9/32	6682
5/16	6683
11/32	6684
3/8	6685
7/16	6686

3/8" SQUARE DRIVE ACCESSORIES

Fits 3/8" Square Drive wrenches and male adapters.

size across flats, inches	part/item code no. standard hexagon socket	standard 8 pt. socket
5/16	24760	6511
11/32	24761	—
3/8	6503	6512
7/16	6504	6513
1/2	6505	6514
9/16	6506	—
5/8	6508	—
11/16	24762	—
3/4	24763	—

No. 26239 UNIVERSAL JOINT

EXTENSION BARS

No. 26237 — 3" long.

No. 26238 — 6" long.

No. 26240 SOCKET ADAPTER
3/8" Female x 1/2" Male — Adapts 1/2" Square Drive accessories to 3/8" Square Drive Wrenches or accessories.

1/2" SQUARE DRIVE ACCESSORIES

Fits 1/2" Square Drive wrenches and male adapters.

size across flats, inches	part/item code no. standard hexagon socket	deep hexagon socket	standard 8 pt. socket
3/8	19317	19320	19332
7/16	19318	19321	19333
1/2	6521	19322	6541
9/16	6522	19323	6542
5/8	6524	19324	6543
11/16	6525	19325	6544
3/4	6526	19326	6545
13/16	6528	19327	6546
7/8	6529	19328	6547
15/16	6530	19329	—
1	6531	19330	6549
1 1/16	19319	—	—

No. 19310 UNIVERSAL JOINT

EXTENSION BARS

No. 19311 — 5" long.

No. 19312 — 10" long.

No. 29792 SOCKET ADAPTER
1/2" Female x 3/8" Male — Adapts 3/8" Square Drive accessories to 1/2" Square Drive Wrenches.

No. 19313 SOCKET ADAPTER
1/2" Female x 5/8" Male — Adapts 5/8" Square Drive Accessories to 1/2" Square Drive Wrenches or accessories.

5/8" SQUARE DRIVE ACCESSORIES

Fits 5/8" Square Drive wrenches and male adapters.

size across flats, inches	part/item code no. standard hexagon socket
5/8	24390
11/16	24391
3/4	24392
13/16	24393
7/8	24394
1 1/16	24395

No. 24359 SOCKET ADAPTER
5/8" Female x 1/2" Male — Adapts 1/2" Square Drive Accessories to 5/8" Square Drive Wrenches or accessories.

3/4" SQUARE DRIVE ACCESSORIES

Fits 3/4" Square Drive wrenches and male adapters. For use with thru-hole anvils, order socket retainer pins and "O" rings below.

size across flats, inches	part/item code no. standard hexagon socket	deep hexagon socket
3/4	68232	68220
13/16	68233	68221
7/8	68234	68222
15/16	68235	68223
1	68236	68224
1 1/16	68237	68225
1 1/8	68238	68226
1 3/16	68239	68227
1 1/4	68240	68228
1 5/16	68241	68229
1 3/8	68242	—
1 7/16	68243	68230
1 1/2	68244	68231

No. 67951 RETAINER PIN—For Sockets above.

No. 69666 "O" RING —For Sockets above.

No. 68245 EXTENSION BAR—7" long.

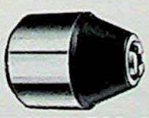
No. 68246 SOCKET ADAPTER
3/4" Female x 5/8" Male — Adapts 5/8" Square Drive Accessories to 3/4" Square Drive Wrenches or accessories.

QUICK CHANGE BIT ADAPTERS

Permits instant changing of hex shank screwdriver bits and socket shanks.

part/item code no.	impact wrench square drive	for screwdriver bit hex size
24750	3/8"	1/4"
24350	1/2"	7/16"

For screwdriver bits and socket shanks see Pages 48 & 49



No. 24090 1/2" KEYLESS CHUCK
For 1/2" Square Drive Impact Wrenches. Use with any 1/8" to 1/2" shank drill or driver accessories. See pages 40, 41, 48, 49.

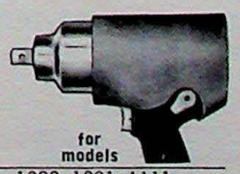
No. 19315 COLLET CHUCK—Use with all 1/2" Square Drive Impact Wrenches for drilling and tapping. Drilling capacity, 3/16" to 3/8"; tapping capacity, #10 to 1/2".

No. 19316 COLLET—Replaces standard collet in No. 19315 chuck to increase capacity. Drilling capacity 1/4" to 1/2"; tapping capacity 5/16" to 5/8".

No. 16208 1 5/8" OPEN END WRENCH—For use with No. 19315 Collet Chuck.

No. 19600 RIGHT ANGLE ATTACHMENT — For use with 1/2" Square Drive Impact Wrenches to accommodate 1/2" accessories.

No. 24355 SUSPENSION BAIL — Fits Skil Air Impact Wrenches, except Models 1122 and W-57-P.



LEATHER BOOTS

part/item code no.	for models
24342	1080, 1081, 1111
68801	W-57-P Wrenches
45081	1122

CARRYING CASES

part/item code no.	for models
24344	1080, 1081, 1111
70971	W-57-P Wrenches
29883	1122

LUBRICANTS

No. 25667 Tube of Grease — 5 3/8 oz. — For Model 823 impact mechanism.

No. 252 Tube of Grease — 5 3/8 oz. — For Models 471, W-57-P, W-10 and 1111 impact mechanisms.

Lubricating Oil — for all air motors as well as impact mechanisms on Models 1080, 1081, 1082 and 1122. Assures positive lubrication under all operating conditions.

No. 73224 — One Pint.

No. 43899 — Package of 10 convenient capsules, 15 c.c each.

SKIL AIR HAMMERS

These hard-hitting Skil Air Hammers are the finest available for production or maintenance jobs. Each is ideal for riveting, upsetting metal, core busting, masonry chipping or punching. Other jobs include shearing studs, rivets, nuts; driving nails; slitting metal. Rugged, lightweight die-cast handle and solid one-piece barrel provide long life. Unique construction has only two moving parts — spool valve and striker. This simplified construction delivers more energy, gives smoother control. Maintenance is seldom required. Choice of offset or grip handle. All models accept No. 2 Parker Taper shank.

MODEL 1000—OFFSET HANDLE

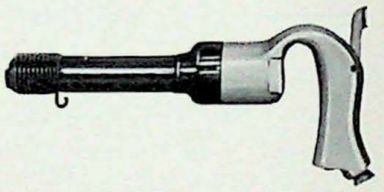
- Trigger-type throttle
- Delivers 1500 powerful blows per minute for use on applications where a harder hitting hammer is desired—4¼" stroke
- Lightweight—only 3⅜ pounds
- Length—7 1⅛ inches less retainer

MODEL 1003—GRIP HANDLE

- Thumb-operated lever throttle
- Delivers 2600 blows per minute for use on applications where a lighter hitting hammer is desired—2½" stroke
- Lightweight—only 2¾ pounds
- Length—7 1⅛ inches less retainer

MODEL 1001—GRIP HANDLE

- Thumb-operated lever throttle
- Delivers 1500 powerful blows per minute for use on applications where a harder hitting hammer is desired—4¼" stroke
- Lightweight—only 3⅝ pounds
- Length—10 1⅛ inches less retainer



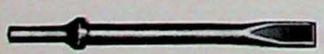
SPECIFICATIONS

equipment: Tool Retainer.
recommended operating air pressure: 90 PSI.
air inlet size: ¼" NPT.
hose size: ¼" I.D. recommended.

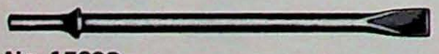
model/item code no.	type handle	blows per minute	bore and stroke, inches	capacity—rivet size: cold iron, inches	capacity—rivet size: soft aluminum, inches	tool overall length less retainer, inches	tool weight, lbs.	shpg. wt. lbs.
1000	Offset	1500	1 1/16 x 4¼	¼	5/16	7 1/16	3⅜	4
1003	Grip	2600	1 1/16 x 2½	⅛	5/32	7 1/16	2¾	3¼
1001	Grip	1500	1 1/16 x 4¼	¼	5/16	10 1/16	3⅝	4

AIR HAMMER ACCESSORIES

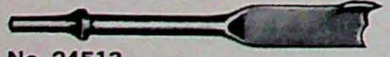
ALL HAVE #2 PARKER TAPER SHANK



No. 15282
⅝" x 7" Nut and Bolt Cutter

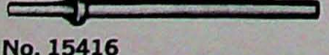


No. 15298
⅝" x 9⅞" Nut and Bolt Cutter

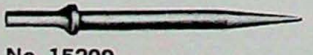


No. 24513
1" x 8½" Combination Slitter and Cut-Off Tool

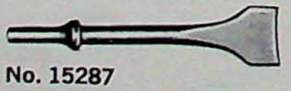
No. 24514
1" x 6⅞" Cut-Off Tool



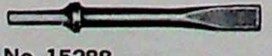
No. 15416
½" dia. x 7" Chisel Blank —Furnished soft—must be hardened after forming



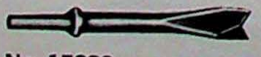
No. 15299
7" Punch



No. 15287
1½" x 6⅝" Scraper

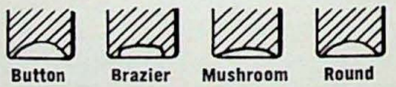


No. 15288
⅝" x 5⅝" Rivet Cutter



No. 15289
5⅞" Panel Cutter

RIVET SETS



part/item code no.	description	part/item code no.	description
15060	⅛" Round Head	15071	1¼" Mushroom Head
15063	¼" Round Head	15072	1⅞" Mushroom Head
15066	⅛" Button Head	15084	⅛" Brazier Head
15067	5/32" Button Head	15086	3/16" Brazier Head
15068	3/16" Button Head	15087	¼" Brazier Head
†15070	⅝" Plain Blank		

†Furnished soft, must be hardened after forming.

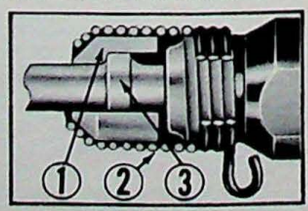
NAIL DRIVER ATTACHMENTS

No. 16410—6 to 10-Penny Nail Driver
No. 16100—12 to 20-Penny Nail Driver
No. 12420—24 to 60-Penny Nail Driver

RETAINERS

No. 67787—EXCLUSIVE "SAFETY-FIST" TOOL RETAINER

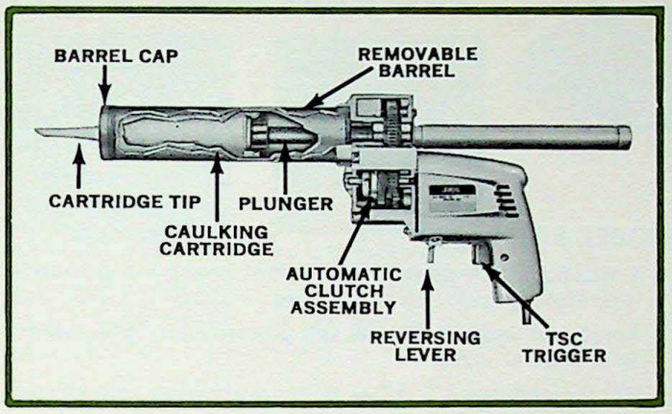
For chisels, slitting tools, punches. Unique hardened steel retainer bushing (1) fits inside retainer spring (2) and securely holds tool (3) in position eliminating possibility of tool being twisted or driven out. Does not fit 15063, 15086, 15087, 15071, 15072, and 15070 Rivet Sets.

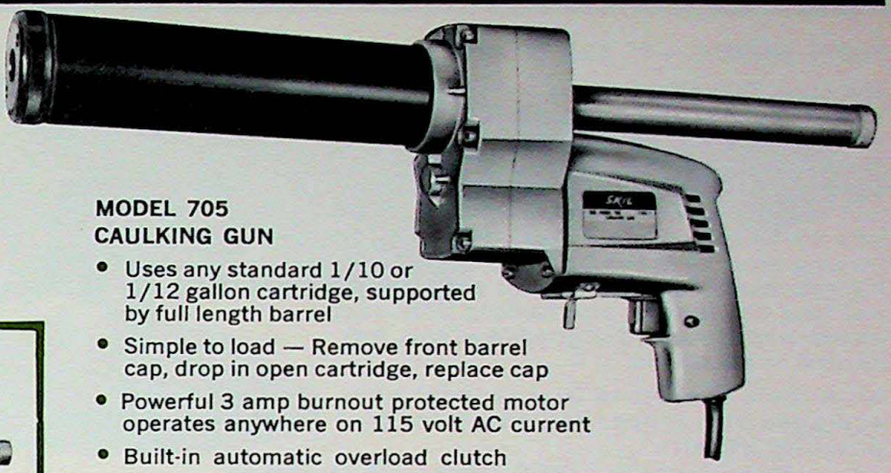


No. 16118*—Quick Change Retainer Spring.
No. 16209*—Beehive Retainer Spring.
*Cannot be used with "Safety-Fist" Retainer No. 67787 above.

SKIL CAULKING GUN

The Skil Caulking Gun enables the operator to dispense a smoother, more uniform bead in less time and with less effort than ever before. Now any job requiring caulking, sealing, setting adhesive, or glazing compound is as simple and effortless as drilling a hole. Dispensing rate is easily controlled by finger-tip operation of the trigger speed control switch. Reverse lever gives split second bead cutoff. Simple to load, easy to use.



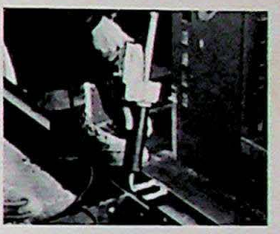


MODEL 705
CAULKING GUN

- Uses any standard 1/10 or 1/12 gallon cartridge, supported by full length barrel
- Simple to load — Remove front barrel cap, drop in open cartridge, replace cap
- Powerful 3 amp burnout protected motor operates anywhere on 115 volt AC current
- Built-in automatic overload clutch

Caulking & Glazing Window

Filling Voids


Sealing Curtainwall Joints

SPECIFICATIONS

switch: AC 50-60 Hz. only. Enclosed momentary contact trigger type.

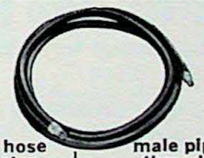
bearings: 6 oil impregnated.

part/item code no.	amp rating at 115 V.	overall length in.	cartridge capacity gals.	net wt. lbs.	shpg. wt. lbs.
705	3	20	1/10 or 1/12	7¼	8½

GENERAL AIR ACCESSORIES

AIR HOSES

High quality, oil and abrasive resistant. Male pipe threads at each end.



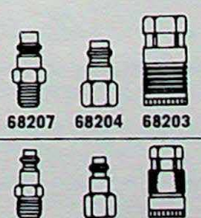
part/item code no.	hose length	inside hose diameter	male pipe threads
24523*	8′	5/32″	¼″ at each end
68427	8′	¼″	¼″ at each end
15848	8′	5/16″	¼″ at each end
70876	2′	3/8″	¼″ at each end
68425	8′	3/8″	¼″ at each end
24345	25′	3/8″	¼″ at each end

***8′ SUPER-THIN AIR HOSE**—Excellent where exceptional handling ease and maximum flexibility are desired. Can be used with any Skil ¼″ capacity wrench.

AIR HOSE FITTINGS

Quick connector type, have valves that close automatically when tools are detached. Provide maximum air flow for highest operating efficiency. All ¼″ NPT.

part/item code no.	for use on models	description	
68207	W-57-P series air tools	nipple, external thread	
68204		nipple, internal thread	
68203		coupling	
15392	All Air Tools except W-57-P	nipple, external thread	
70746		nipple, internal thread	
15390		coupling	

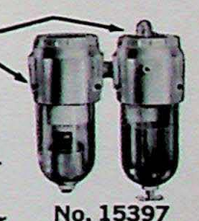


AIR LINE ACCESSORIES

Pressure regulator, gauge, oiler and filter should be used with each air tool. Lubrication and clean, dry air at proper pressure increases tool life.

No. 15395 Line Oiler
Has ½ pint capacity, 3/8″ female pipe threads.

No. 15396 Filter
Removes dirt and moisture from air line. ½ pint capacity, 3/8″ female pipe threads.



No. 15397

No. 15397 Combination Line Oiler and Filter
Consists of Nos. 15395 and 15396 connected with proper fitting for quick installation. Will supply one air tool.

No. 15398 Combination Air Pressure Regulator and Gauge
Assures proper pressure at all times for maximum air tool operating efficiency. Has two 3/8″ threaded pipe fittings for easy installation; large easy-to-read gauge.

No. 15398

No. 15954 Air Regulator
Makes it possible to vary speed of tool by regulating amount of air. Attaches between tool and air line.

No. 15954

No. 69842 Reducer Bushing
From 3/8″ to ¼″. Use when connecting hose, nipples or couplers direct to filters, oilers and regulators.

LUBRICANTS

No. 252 — 5⅜ OZ. TUBE OF GREASE. For air and electric impact mechanism on Models, 471, W57P, W10 series wrenches as well as gear cases on air driver, drill and grinder series S-10, D-10, and G-10.

No. 68799 — 5⅜ OZ. TUBE OF GREASE. For gears—Models 1150, 1151 Drills.

No. 73214 — 5⅜ OZ. TUBE OF GREASE. For all Skil air and electric screwdriver clutch mechanisms.

LUBRICATING OIL — For all air motors as well as impact mechanism on Models 1080, 1081, and 1122. Assures positive lubrication under all operating conditions.

No. 73224 — Pint container.

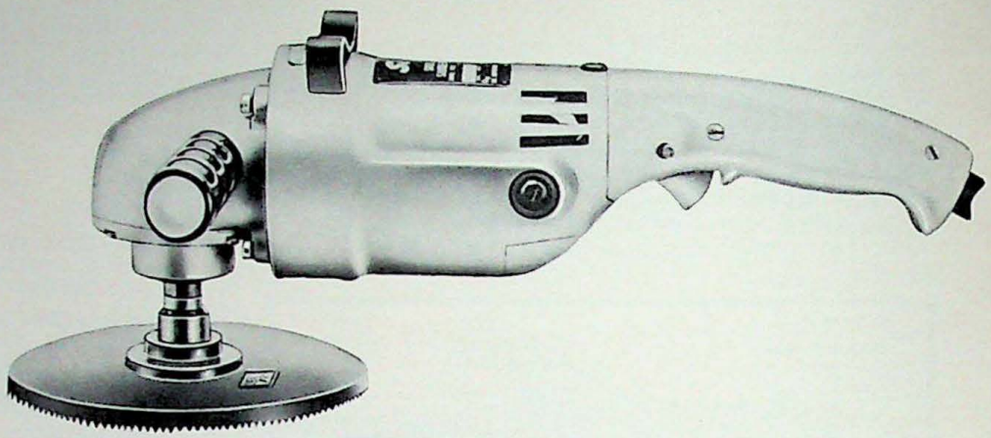
No. 43899 — 10 handy capsules, 15 C.C. each.

SKIL SUPER-DUTY DISC SANDERS

THREE MODELS — 7" AND 9" DISC SIZES

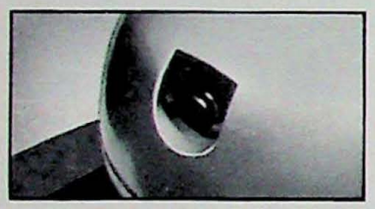
Skil Super-Duty Disc Sanders contain many advanced features that make them perfect for virtually every disc sanding job. They are lightweight, and superbly balanced for ease of handling. All have powerful motors that maintain efficient sanding speed. Armature bearings ride in special steel inserts that eliminate housing wear. Exclusive built-in shock absorbing gear mounting assures quiet performance and long life. Various size backing pads, cup wheels, wire brushes, disc grinding wheels, may be used on all models.

All models convert to Disc Grinder when equipped with proper Skil guard and disc grinding wheel.

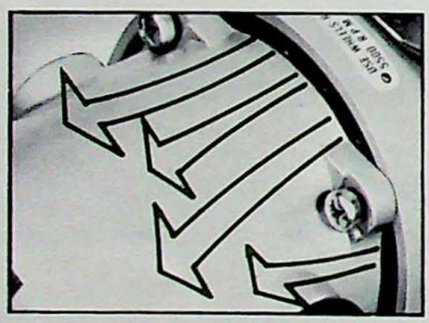


CHECK THESE FEATURES

ALL FEATURES BELOW APPLY TO DISC SANDERS ON THIS PAGE AND ALL DISC GRINDERS ON PAGE 58



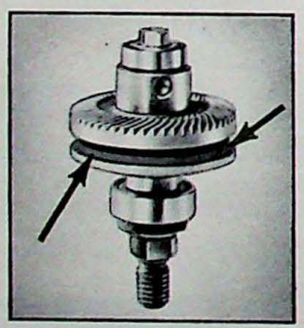
Push Button Spindle Lock For fast, easy changing of sanding discs, grinding wheels and other accessories.



High Velocity Air Flow. Tool operates at cool temperature. Keeps abrasive dust off internal parts.

Treaded Backing Pad — Holds sanding disc in place — disc stays cooler, lasts longer.

QUICK-CHANGE LOCK NUT permits fast, easy disc changing. Eliminates grit clogged threads.



EXCLUSIVE! Built-in Shock Absorbing Gear Mounting for long life, quiet performance.

Side handle mounts on either side for steady, firm control. Comfortable contour grip rear handle.

MODEL 852 5000 RPM 7"—9" super duty

- Powerful motor maintains efficient speed for all sanding. Most popular all-round tool
- Furnished with 7" pad but will power accessories, up to 9" diameter sizes
- Accommodates 4", 5" or 6" cup grinding wheels and wire brushes

MODEL 852-9 5000 RPM 7"—9" super duty

- Same as Model 852 less backing pad, nut and wrench — select accessories for your specific needs

MODEL 853 6000 RPM 7" super duty

- Higher speed for faster material removal with 7" sanding discs
- Uses wire brushes and cup grinding wheels up to 5" diameter

MODEL 854 8000 RPM 7" super duty

- Highest speed tool for fastest material removal
- Motor maintains efficient speed even under heavy load

PLUS . . .

- **Forged alloy steel heat treated spiral bevel gearing**
- **Powerful Super Burn Out Protected Motor** maintains proper speed needed for tough sanding and grinding
- **Field coils protected** by heavy coating of epoxy resin for abrasion resistance
- **Fiberglass wrapping protects** armature winding from abrasion
- **All ball bearings:** heavy-duty, sealed to keep lubricant in and abrasive dust out
- **Armature bearings ride in special steel inserts** eliminating housing wear
- **Lightweight, superb balance** — weighs pounds less than many other makes
- **Removable cover** for fast, easy motor inspection

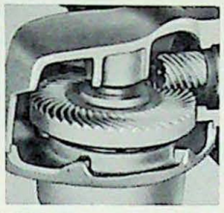
For Accessories, See Pages 60-61

SKIL HEAVY & STANDARD DUTY DISC SANDERS

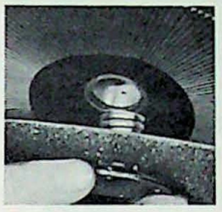
FOUR MODELS —
THREE HOUSING STYLES

Skil Disc Sanders have power to spare. They are light in weight, compact, perfectly balanced for handling ease. Excellent all-purpose sanders for construction sites; in-plant use; auto body shops.

CHECK THESE FEATURES



HELICON GEARING† — (Models 1140 and 1142) provides a high gear ratio for tremendous torque, yet is extremely compact, lightweight and maintenance-free.



TREADED BACKING PAD — Holds sanding disc in place —stays cooler, lasts longer. QUICK-CHANGE LOCK NUT for fast, easy disc changing. Eliminates grit clogged threads.

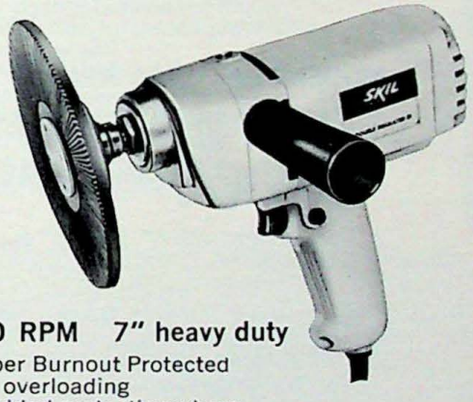
MODEL 1140 4500 RPM 7" heavy duty

- Powered to do most sanding or wire brushing — yet weighs less than other comparable models
- Helicon gearing† provides high gear ratio for tremendous torque — with compact, low profile design
- Super Burnout Protected Motor withstands overloads
- Removable handle mounts on either side
- Large non-marring tool rest on top

MODEL 1142 4500 RPM 9" heavy duty

- All the fine features of Model 1140 (above), plus extra powerful 8 amp motor to easily handle 9" sanding discs
- Compact, lightweight

NEW!



MODEL 495 3600 RPM 7" heavy duty

- Powered by 6 amp Super Burnout Protected Motor that withstands overloading
- Double Insulated for added protection where grounding is inconvenient
- New industrial-duty switch for continuous use
- Safety stop brush system — worn brushes cannot damage armature
- Removable 3-position handle for either side or top
- Lightest weight Skil sander, excellent balance

MODEL 551 4200 RPM 7" standard duty

- Ideal for maintenance work, painting contractors, auto body shops, tradesmen
- Exclusive treaded backing pad holds disc firmly disc runs cooler
- Quick-change lock nut for fast, easy disc changing
- Removable side handle; tool rest on top
- Lightweight for easy handling

SPECIFICATIONS—Super-duty Models 852, 852-9, 853, 854

switch: A.C.-D.C. Enclosed, momentary contact trigger with locking button.

bearings: 4 sealed ball.

equipment: Models 852, 853 and 854 include treaded rubber backing pad, quick-change lock nut, wrench, side handle, tool rest.

Model 852-9 includes side handle, tool rest.

spindle dia.: 5/8"—11 thread.

SPECIFICATIONS — Heavy-Duty and Standard Models 1140, 1142, 495, 551

switch: Models 1140, 1142, 495 have enclosed momentary contact trigger with locking button.

Model 551 has enclosed on-off slide type.

bearings: Model 1140, 1142: 3 ball, 1 needle; Model 495: 3 ball, 3 needle; Model 551: 2 ball, 4 oil impregnated.

equipment: All Models include 7" treaded rubber backing pad, quick-change lock nut, side handle, wrench, tool rest (molded on 495). Model 1142 also includes 9" fiber backing pad.

spindle dia.: 5/8"-11 thread.

model/item code no.	duty	maximum capacities, inches: sanding disc, dia.	wire cup brush dia.	cup grinding wheel, dia.*	disc wheel, dia.*	no-load speed, RPM	amp rating at 115V	length overall, inches**	net weight, lbs.**	shpg. weight, lbs.
852	super	9	6	6	9	5000	13.0	17	13⅜	17
852-9	super	9	6	6	9	5000	13.0	17	13⅜	15½
853	super	7	5	5	7	6000	13.0	17	13½	16¾
854	super	7	—	—	7	8000	13.0	17	13½	16¾
1140	heavy	7	4	—	7	4500	6.5	14½	7½	11
1142	heavy	9	4	—	9	4500	8.0	14½	8¼	12
495	heavy	7	4	—	—	3600	6.0	9¼	5¼	8
551	standard	7	4	—	—	4200	5.5	9½	7	10½

*Use only with proper safety guard.

**Not including pad.

†Licensed by the Spirold Division of Illinois Tool Works, Inc.

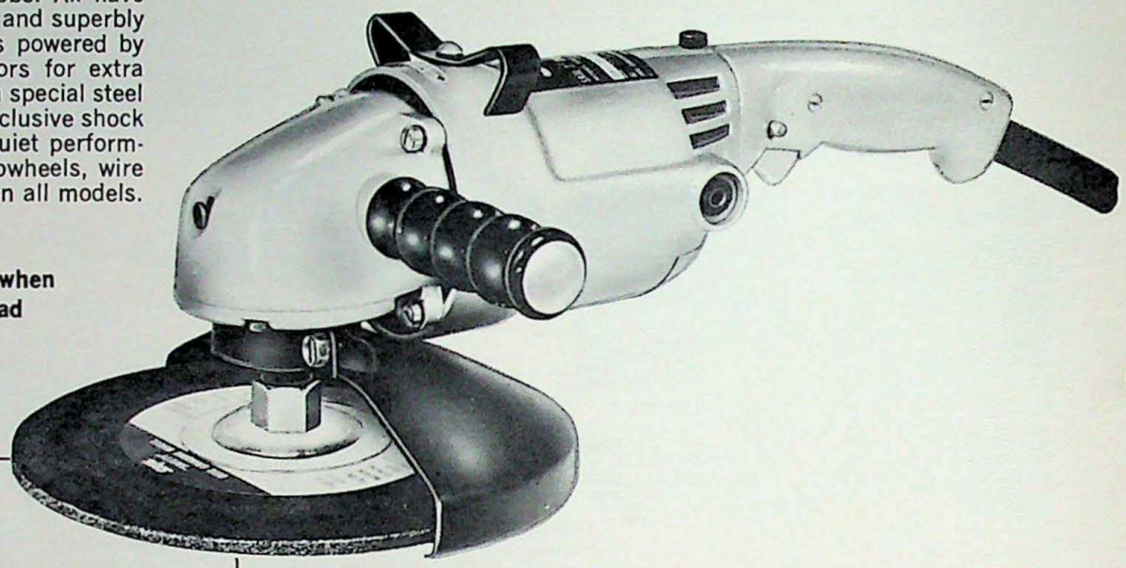
For Accessories, See Pages 60-61

SKIL SUPER-DUTY DISC GRINDERS

THREE BALL BEARING MODELS, THREE SPEEDS, TWO DISC SIZES

Skil Super-Duty Disc Grinders provide the power and speed to handle all grinding jobs. All have sealed ball bearings, are lightweight and superbly balanced for easy handling. Each is powered by Skil Super Burnout Protected motors for extra protection. Armature bearings ride in special steel inserts to eliminate housing wear. Exclusive shock absorbing gear mounting assures quiet performance and long life. Various size cupwheels, wire brushes, disc wheels may be used on all models.

All models convert to Disc Sanders when equipped with proper Skil backing pad and sanding disc.



CHECK THESE FEATURES

See Page 56 for more detailed description of features listed below.

- **EXCLUSIVE! Built-in shock absorbing gear construction** for long life, quiet performance.
- **Push Button Spindle Lock** for fast, easy changing of accessories.
- **High velocity air flow.** Tool operates at cool temperatures. Keeps abrasive dust off internal parts.
- **Armature bearings ride in special steel inserts** eliminating housing wear.
- **Forged, alloy steel heat treated spiral bevel gearing.**
- **Powerful Super Burnout Protected Motor** maintains proper speed needed for continuous grinding.
- **Field coils protected by heavy coating of epoxy resin** for abrasion resistance.
- **Fiberglass wrapping protects armature winding** from abrasion and high temperature.
- **All ball bearings:** 4 heavy duty. Sealed to keep lubricant in and abrasive dust out.
- **Lightweight, superb balance**—weighs pounds less than many other makes.
- **Contour grip rear handle** and auxiliary handle mounts on either side for steady, firm control.

MODEL 952 5000 RPM 9" super duty

- Powerful motor maintains efficient speed for grinding jobs requiring 9" Skil disc grinding wheels
- Includes 9" aluminum oxide 24 grit disc grinding wheel and guard
- Can be used with 4", 5" or 6" cup grinding wheels, wire brushes

MODEL 953 6000 RPM 7" super duty

- Higher speed provides faster grinding with 7" Skil disc grinding wheels
- Excellent for 4" and 5" cup wheels and wire brushes
- Includes 7" aluminum oxide 24 grit disc grinding wheel and guard

MODEL 954 8000 RPM 7" super duty

- Highest speed tool for fastest grinding
- Powerful motor to withstand heavy loads
- Includes 7" aluminum oxide 24 grit disc grinding wheel and guard

SPECIFICATIONS

switch: D.C.—A.C. Enclosed, momentary contact trigger with locking button.
bearings: All Ball—4 sealed.
equipment: Safety wheel guard, disc grinding wheel, side handle, tool rest.
spindle dia.: 5/8"—11 thread.

model/item code no.	duty	maximum capacities, inches: sanding disc, dia.	wire cup brush, dia.	cup grinding wheel, dia.*	disc wheel dia.*	no-load speed, RPM	amp. rating at 115V	overall length inches**	net weight lbs.**	shpg. weight lbs.
952	super	9	6	6	9	5000	13	17	16¼	18¼
953	super	7	5	5	7	6000	13	17	15½	17¼
954	super	7	—	—	7	8000	13	17	15½	17¼

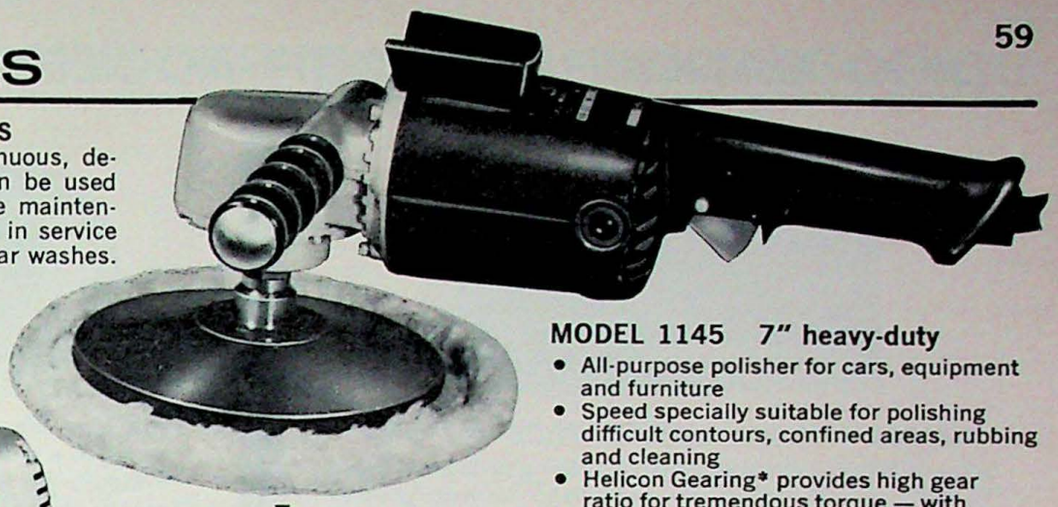
*Use only with proper safety guard, see page 61.

**Not including wheel.

For Accessories, See Pages 60-61

SKIL POLISHERS

FOUR POWERFUL, COMPACT MODELS
Polishing speeds are suited for continuous, dependable, super-fast performance. Can be used for production line polishing, furniture maintenance, metal buffing and polishing, and in service stations, dealer service departments, car washes. Compact design, lightweight and superb balance makes fast polishing or buffing easy. All have Skil Super Burnout Protected motors.



MODEL 1145 7" heavy-duty

- All-purpose polisher for cars, equipment and furniture
- Speed specially suitable for polishing difficult contours, confined areas, rubbing and cleaning
- Helicon Gearing* provides high gear ratio for tremendous torque — with compact low profile design
- Large non-marring tool rest
- Side handle mounts on either side

MODEL 470 7" heavy-duty

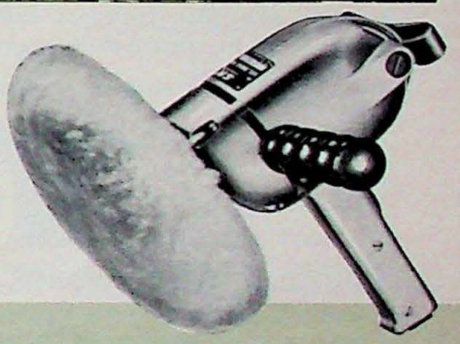
- Powerful 6 amp Super Burnout Protected motor
- Double Insulated construction for added protection where grounding is inconvenient
- Non-marring tool rest integral with motor housing
- New industrial-duty switch for continuous use
- Safety stop brush system — worn brushes cannot damage armature
- Auxiliary handle can be used on either side or top
- Lightest weight SKIL polisher, excellent balance

MODEL 1146 7" heavy-duty

- Has higher polishing speed and more powerful motor plus all the features of model 1145 (above)
- Lightweight and compact, yet often preferred for more demanding jobs including cleaning and rubbing as well as polishing

MODEL 570 7" standard-duty

- Full powered, compact for intermittent use
- Well balanced, easy to handle
- Lighter than many less powerful tools
- Removable side handle with tool rest on rear



SPECIFICATIONS

switch: Models 1145, 1146, 470 have enclosed momentary contact trigger with lock button. Model 570, enclosed on-off slide type.

bearings: Models 1145, 1146; 3 ball, 1 needle. Model 570: 2 ball, 4 oil impregnated. Model 470: 3 ball, 3 needle.

equipment: All Models include 7" molded rubber backing pad, removable auxiliary handle and tool rest. 1145 and 1146 also include wool polishing pad, lock nut and wrench. Models 470 and 570 have wool polishing bonnet.

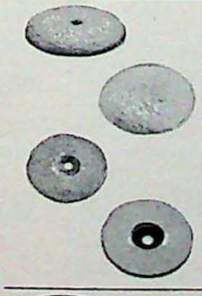
spindle dia.: 5/8" — 11 thread.

model/item code no.	duty	pad	no load speed, RPM	polishing speed, RPM	amp rating at 115V	overall length inches**	net weight lbs.**	shpg. weight lbs.
470	heavy	7"	1200	1000	6.0	9¼	5¼	7¼
1145	heavy	7"	2500	1750	6.5	14½	7½	11
1146	heavy	7"	2500	2350	8.0	14½	8¼	12
570	standard	7"	1500	1150	5.5	9½	7	10½

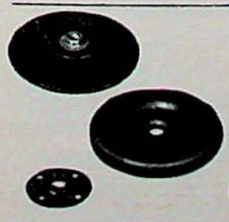
*Licensed by the Spirold Division of Illinois Tool Works, Inc.

**Not including pad

SKIL POLISHER ACCESSORIES For any Skil and most other make polishers



		Backing Pad	Pad Nut
NO. 22691 WOOL POLISHING PAD 7/8" Hole; 7½" diameter. Has deep tufted, lambswool nap firmly attached to strong canvas back. Far outlasts ordinary pads or bonnets.	Use with	No. 4679	No. 2427
	or with	No. 4679 and No. 6496	No. 4699
NO. 4711 WOOL BONNET Genuine lambswool, deep pile bonnet with hood and draw string.	Use with	No. 4679	—
	or with	No. 4679 and No. 6496	No. 4699
NO. 6622 PILE FABRIC PAD For polishing or rubbing down newly sprayed finishes. Woven wool pile smooths and blends faster, lasts longer.	Use with	No. 4679	No. 2427
NO. 2462 FELT PAD Highest quality, durable, useful for wide variety of heavy duty rubbing and burnishing operations with special rubbing compounds.	Use with	No. 4679	No. 2427



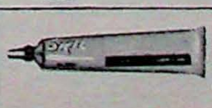
No. 4679 — 7" MOLDED RUBBER PACKING PAD. Same as furnished with all Skil polishers. Has highest quality rubber with a molded in threaded steel insert for mounting to a 5/8"—11 spindle.

No. 6496 — 7" SPONGE RUBBER PAD. Used for that added "cushioning" action that some polishing jobs require.

No. 2427 — SHORT PAD NUT. For clamping polishing pad to backing pad.

No. 4699 — LONG PAD NUT. For clamping sponge rubber pad and polishing pad to backing pad.

No. 2445 — PAD NUT WRENCH. Required for tightening either pad nut.

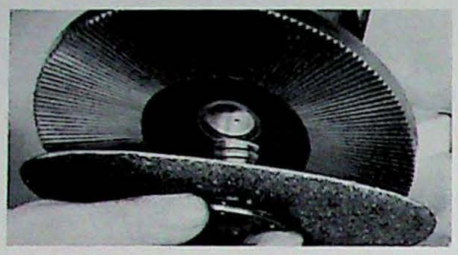


LUBRICANTS

For Models 1145, 1146	**No. 25667** — 5⅓ oz. tube
For Models 470, 570	**No. 252** — 5⅓ oz. tube **No. 251** — 2 lb. can

DISC SANDER-GRINDER ACCESSORIES

DISC SANDER PADS



TREADED RUBBER BACKING PADS

Skil exclusive! These remarkable backing pads are treaded to hold sanding discs in place, and to help prevent slipping, buckling, spoilage of discs. Discs stay cooler, won't gouge work, last far longer. Can be used on all Skil Disc Sanders and most other makes. Use also to convert Skil Disc Grinders for disc sanding. Quick-Change Lock Nut included with each pad.

NO. 26999—5" dia. Can be used with all Skil Disc Sanders and Disc Grinders. (8800 RPM maximum safe speed.)

NO. 23616—7" dia. Can be used with all Skil Disc Sanders and Disc Grinders except Models 854, 954, (6600 RPM maximum safe speed).

NO. 23614 QUICK-CHANGE LOCK NUT

Same as furnished with treaded rubber backing pads. Locks securely on two steel pins in treaded rubber backing pad eliminating stripped, clogged threads. Uses No. 2445 Wrench.

PERFORATED FIBER PADS

Strong, resilient. Give proper flexibility when feather edging. Always use a fiber pad (or pads) larger than backing pad.

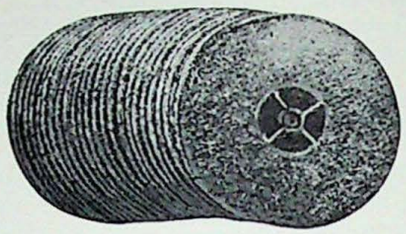
NO. 21220—7" dia. Use with 5" backing pad and nut No. 26999.

NO. 21221—9" dia. For extra flexibility when feather edging use with 7" backing pad and nut No. 23616.

For extra stiffness use with Fiber Pad No. 21220 and Backing Pad No. 26999 on all models with 5000 or less RPM.

NO. 2445 LOCK NUT WRENCH

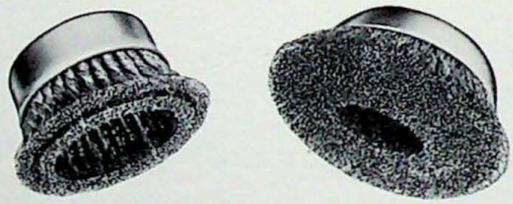
For use with No. 23614 lock nut. Improved design gives better leverage.



"STA-FLAT" SANDING DISCS

Extra long life aluminum oxide grits are phenol-resin bonded to a sturdy fiber back. Discs are reusable—when "loaded", dip in gasoline and scrub. *Use close coat Type K discs for metal, wood, stone or marble. Use open coat Type H discs for soft materials, removing paint and varnish.*

grit	type	7" diameter part/item code no.	7" diameter discs per pkg.	9" diameter part/item code no.	9" diameter discs per pkg.
16	K	**7911**	10	**7922**	5
24	K	**7912**	10	**7923**	5
36	K	**7914**	10	**7925**	5
50	K	**7915**	10	**7926**	5
80	K	**7917**	10	**7928**	10
100	K	**7918**	25	—	—
120	K	**7919**	25	**7930**	25
180	K	**7921**	25	—	—
16	H	**7933**	10	**7936**	5
30	H	**7935**	10	—	—



WIRE CUP BRUSHES

For cleaning castings, structural steel, tanks, vats, sheet metal, stone, concrete, etc. Also used for removal of heavy rust, scale and paint. Use with 5/8-11 thread spindle. See pages 56, 57, 58 under specifications of Grinders and Sanders for recommended usage of wire cup brushes.

part /item code no.	dia. of brush	type brush	dia. of brush wire	part /item code no.	dia. of brush	type brush	dia. of brush wire
21025	6"	Crimp	.020	21029	5"	Crimp	.020
21026	6"	Spiral Twist Single Row	.020	21030	5"	Spiral Twist Single Row	.020
21027	6"	Spiral Twist Double Row	.020	21031	4"	Crimp	.014
21028	6"	Spiral Twist Double Row	.035	21032	4"	Spiral Twist Single Row	.020

SKIL LUBRICANTS

GRINDERS, Disc— Models 952, 953, 954	25667 5⅜ oz. tube
SANDERS, Disc— Models 495, 551	252 5⅜ oz. tube 251 2 lb. can
Models 852, 853, 854, 1140, 1142:	25667 5⅜ oz. tube

DISC GRINDER-SANDER ACCESSORIES

SAFETY DISC GRINDING WHEELS*

Fast-cutting, reinforced grinding wheels available in Aluminum Oxide for grinding heavy weld beads, structural steel, steel castings, stainless steel and other ferrous metals. Silicon carbide wheels provide same superior performance on masonry, stone, concrete, cast iron, bronze, aluminum and copper.

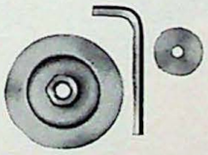
9" wheels useable on 852 and 952 tools only.

7" wheels may be used on all Skil Disc Grinders and Sanders, except Models 551 and 495.

Always use with special safety guards shown below. These are standard equipment with Skil Disc Grinders. Must be ordered extra for Skil Disc Sanders.

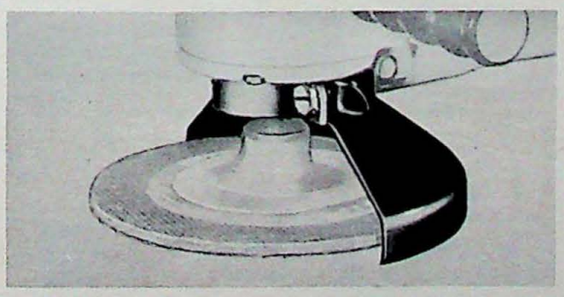
part/item code no.	diameter and width	abrasive & grit	arbor type	max. safe RPM
19682	7"x⅛"	Aluminum Oxide 24 Grit	⅞" rd Holet	8500
19683	7"x¼"			8500
19684	9"x⅛"			6000
19685	9"x¼"			6000
21021	7"x¼"	Silicon Carbide 16 Grit		8500
21022	9"x¼"			6000
43689	7"x⅛"	Aluminum Oxide 24 Grit	⅝"—11 Threaded Spin-On Typett	8500
43690	7"x¼"			8500
43691	9"x⅛"			6000
43692	9"x¼"			6000

†Require Adapter Flange No. 19274.
††No Adapter required. Convenient threaded arbor on each wheel.



NO. 19274 ADAPTER FLANGE

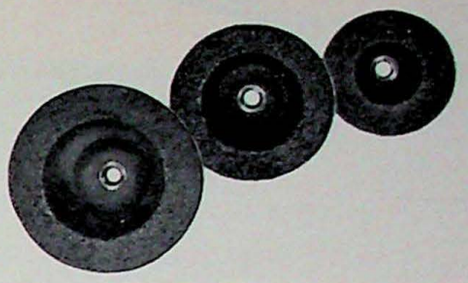
Includes flange, lock nut and wrench. Must be used with disc grinding wheels without spin-on adapter.



SAFETY GUARDS

Same as furnished with all Skil Disc Grinders. Add when converting from a Sander to a Grinder.

No. 16896 — For 7" disc wheels
No. 16894 — For 9" disc wheels



CUP GRINDING WHEELS*

Made of securely bonded, highest grade abrasives. Each wheel has a ⅝"-11 thread bushing molded integrally for mounting wheel direct to spindle. See pages 56, 57, 58 under specifications of Grinders and Sanders for recommended usage of cup grinding wheels with proper revolving cup wheel guard shown below. *Do not use on Models 854 or 954.*

SILICON CARBIDE — FOR HARD MASONRY

Use for marble, granite, terrazzo, onyx, hard aggregate concrete, porcelain, vitrous ware, glazed and ceramic tile, slate, acid-proof brick, silica, hard-chrome brick, magnesite, etc.

	part/item code no.		
	4" dia.	5" dia.	6" dia.
*maximum safe speed	7635 r.p.m.	6600 r.p.m.	5500 r.p.m.
course	5421	—	—
medium	5422	5405	5408
fine	—	5406	5409

SILICON CARBIDE—FOR SOFT, MEDIUM MASONRY

Use for concrete brick, common brick, cinder block, fire clay, refractory brick, limestone, Arizona flagstone, landstone, crab orchard stone, roofing, sewer and structural tile, terracotta, asbestos, insulating brick, sandstone, austin stone, gypsum, fiber glass, etc.

	part/item code no.		
	4" dia.	5" dia.	6" dia.
*maximum safe speed	7635 r.p.m.	6600 r.p.m.	5500 r.p.m.
coarse	5421	5427	5428
medium	5422	5405	5408
fine	—	5406	5409

ALUMINUM OXIDE — FOR METAL

For cast iron, bronze, unannealed malleable iron, white iron, aluminum, brass, steel casting, stainless steel, steel weld, structural members, annealed malleable iron, hard brass, hard aluminum, hard bronze, etc.

	part/item code no.		
	4" dia.	5" dia.	6" dia.
*maximum safe speed	9070 r.p.m.	7255 r.p.m.	6050 r.p.m.
coarse	5459	5463	5465
medium	5460	5464	5466

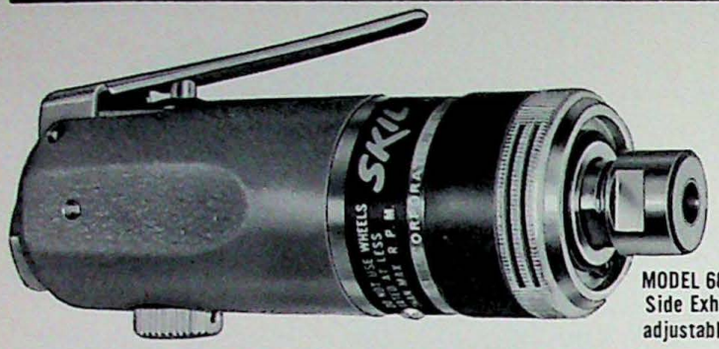
REVOLVING CUP WHEEL GUARDS

Attach directly to spindle. For use with Models 952, 953 Disc Grinders; Model 852 (Serial No. B385353 and up) and Model 853 Disc Sanders. Includes guard and wrench.

NO. 19296—For 4" cup wheel
NO. 19240—For 5" cup wheel
NO. 19237—For 6" cup wheel

***NOTE—Before using disc wheels and cup grinding wheels, always be sure their maximum safe operating speed (shown on wheel blotter) is not exceeeded by the free speed of the tool (shown on nameplate). Use only on tools with proper safety guards.**

SKIL AIR AND ELECTRIC DIE GRINDERS



MODEL 68406 — Side Exhaust adjustable — 360°.

MODEL 68404 — Front exhaust.

MODEL 68405 — Front exhaust with Collet Guard.

G-10-L SERIES AIR DIE GRINDERS — Lever Throttle, 20,000 RPM

Skil lever-throttle Air Die Grinders are ideal for precise high speed grinding with small mandrel mounted grinding wheels, rotary files and carbide burrs. Compact and lightweight. Overall tool length only 5½" for gripping tool close to work; weighs only 1¼ lbs. Features include a floating rotor that protects against thrust loads to minimize motor wear, precision ball bearing construction and shorter, built-in precision collet for minimum vibration and runout.

SPECIFICATIONS

bearings: 2 ball.
equipment: ¼" collet chuck.
air inlet size: ¼" NPT.
hose size: 5/16" I.D. Recommended. Operate at 90 PSI.

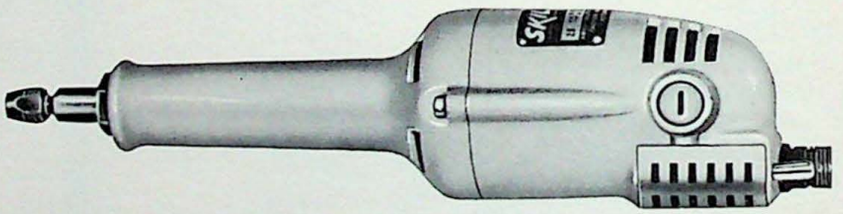
model /item code no.	type exhaust	max. wheel capacity vitrified	max. wheel capacity organic	collet chuck size	no-load RPM	offset side to center	overall length, inches	net weight lbs.	shpg. weight, lbs.
68404	front	1"	1½"	¼"	20,000	13/16"	5½"	1¼	2
68405	front with collet guard								
68406	side adjustable — 360°								

ELECTRIC DIE GRINDERS

Skil Electric high-speed Die Grinders are excellent for tool and die makers, pattern and model shops. They are compact, lightweight and easy to handle. Three precision ball bearing construction minimizes vibration, provides accurate, precision grinding.

MODEL 146 HIGH SPEED ELECTRIC

- ⅛" collet chuck — 20,000 RPM
- Removable plate for easy internal inspection
- Specially designed motor for continuous high speed use
- Built-in spindle lock provision for quick change of collets and accessories
- Use with mounted wheels and points, carbide cutters, burrs, expanding abrasive drums
- May also be used with ¼" collet chuck below



MODEL 148 ULTRA HIGH-SPEED ELECTRIC

- ⅛" collet chuck — 36,000 RPM
- Very high speed for increased efficiency when using smallest mounting wheels, points or cutters
- Plus all features of Model 146

SPECIFICATIONS

switch: toggle type.
bearings: 3 ball.
equipment: ⅛" collet chuck, two wrenches, spindle locking pin.

model /item code no.	maximum wheel capacity, inches	no-load RPM	amp rating at 115V	overall length, inches	net weight, lbs.	shpg. weight, lbs.
146	1¼ mounted	20,000	1.3	9¾	2½	4¼
148	¾ mounted	36,000	2.5	9¾	2½	4¼

ACCESSORIES

FOR ELECTRIC

part/item code no.	description	for model
3779*	⅛" collet	146, 148
9397*	¼" collet	146
3780*	⅛" collet cap	146, 148
9398*	¼" collet cap	146
11336	3/32" geared chuck and key	146
11337	key only	

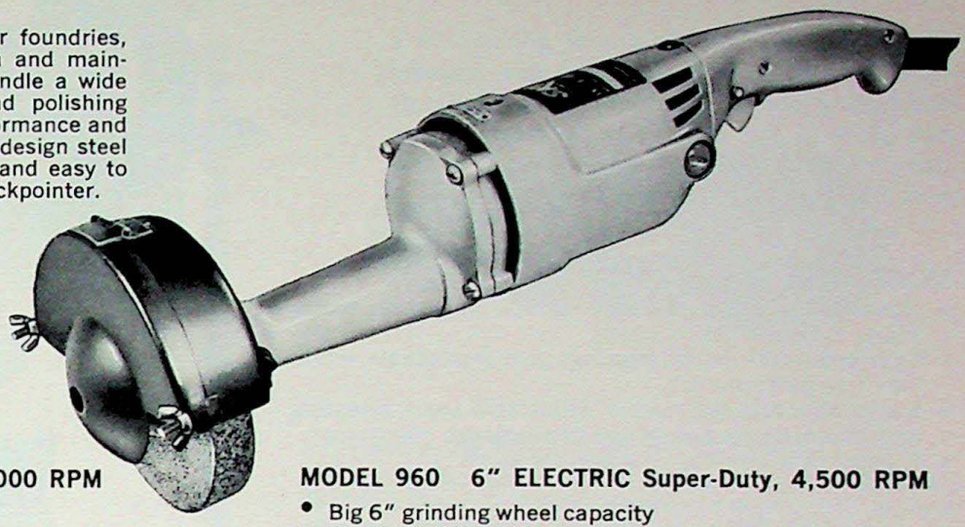
FOR AIR

part/item code no.	description	for model
24192	collet nut	G-10-L series
24193	⅛" collet	G-10-L series
24194	3/16" collet	
24195	¼" collet	
68185	suspension bail	G-10-L series

*Order cap and collet for complete chuck.

SKIL SUPER-DUTY PORTABLE GRINDERS

Powerful, big capacity Super-Duty grinders for foundries, welding shops, metal fabricators, construction and maintenance work. These versatile grinders will handle a wide range of grinding, wire brushing, buffing and polishing jobs. All ball bearing for smoother running performance and long life. Armature bearings ride in special Skil design steel inserts that eliminate housing wear. Compact and easy to handle. Model 959 is excellent for use as a tuckpointer.



MODEL 959 5" ELECTRIC Super-Duty, 5,000 RPM

- 5" grinding wheel capacity
- Long life motor brushes
- Contour grip handle
- Protective guard adjusts 360° . . . has hinged end bell for easy wheel change

MODEL 960 6" ELECTRIC Super-Duty, 4,500 RPM

- Big 6" grinding wheel capacity
- Extra powerful super-duty model for heaviest grinding jobs
- Plus all the other fine features of Model 959

SPECIFICATIONS

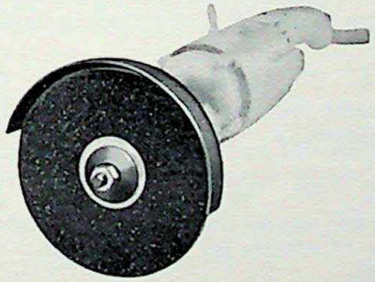
switch: Momentary contact AC-DC trigger type with locking button.

bearings: Four ball bearings, sealed against abrasive dust.

equipment: Wheel guard, grinding wheel.

model/item code no.	maximum wheel capacity, inches	spindle diam., inches	no-load RPM	amp. rating at 115V	overall length, inches	net weight, lbs.	shpg. weight, lbs.
959	5 x ¾	½	5,000	10	22½	12¾	21
960	6 x 1	⅝	4,500	12	22½	15¾	23

SKIL PORTABLE GRINDER ACCESSORIES

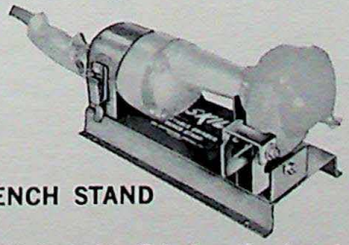


NO. 19248 TUCKPOINTING KIT

Use with Model 959 Grinder to clean out loose mortar. Kit includes No. 11646 Silicon Carbide wheel, 8" wheel guard, wrench, and arbor bushing.

***TUCKPOINTING WHEELS** — Silicon Carbide abrasive for cutting lime and cement mortar, brick, concrete, non-ferrous metals and similar materials. Fiberglass reinforced for safety. Maximum operating speed 6805 RPM.

part/item code no.	size	arbor hole	pkg. qty.
11646	8" x ⅛"	⅝"	10
11647	8" x 3/16"	⅝"	10



NO. 29717 GRINDER BENCH STAND

Converts Models 959 or 960 Portable Grinders for bench use. For grinding, sharpening, wire brushing. Equipped with adjustable tool rest, provision for bench mounting.

*GRINDING WHEELS

part/ item code no.	type	size	arbor hole	grit	for model
4498	high strength, reinforced	2½" x ⅜"	⅜"	36	171
19581	Aluminum Oxide	5" x ¾"	½"	30	959
19582	Aluminum Oxide	6" x 1"	⅝"	24	960

***NOTE:** Before using any pointing or grinding wheel, be sure safe operating speed (shown on wheel blotter) is not exceeded by the free speed of the tool (shown on nameplate). Use only on tools with proper safety guards.

LUBRICANTS — for all Portable Grinders.

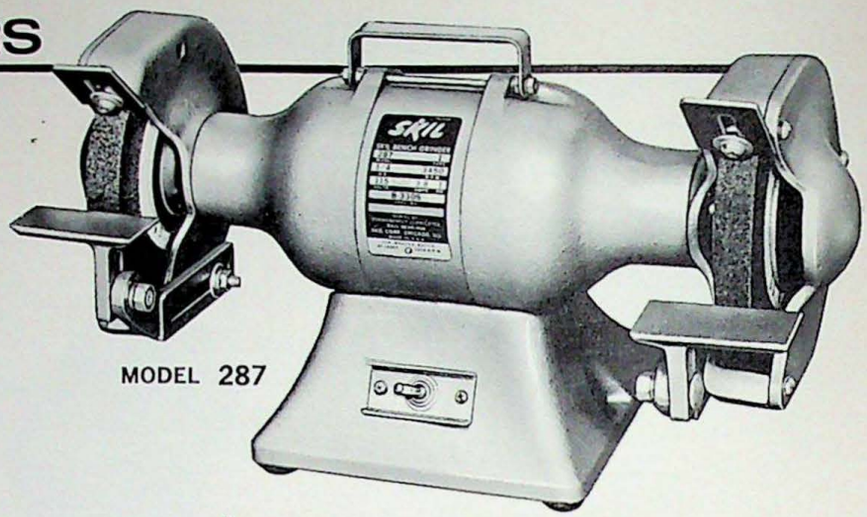
No. 252 — 5⅜ oz. tube.

No. 251 — 2 lb. can.

NOTE: For Wire Wheel Brushes — See Page 65.

SKIL BENCH GRINDERS

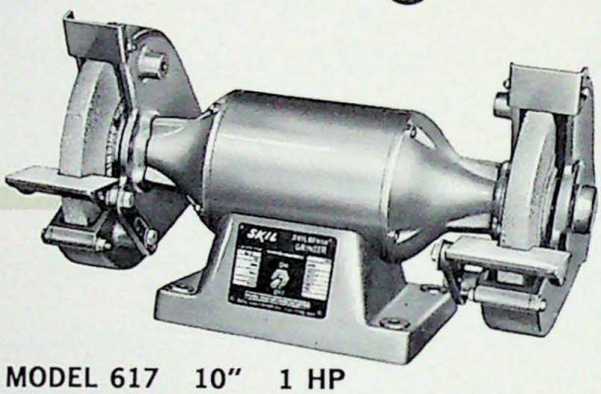
Choose from a complete line of grinders for a wide range of grinding, wire brushing, cleaning and buffing jobs. Spindle mounted on heavy duty ball bearings for years of dependable service. Compact motor housings permit grinding of long work pieces across entire front of grinder.



MODEL 287

MODEL 287 6" ⅓ HP

- Dynamically-balanced, split phase capacitor motor starts fast, maintains speed
- Lubricated-for-life ball bearings give dependable, vibration-free performance
- Removable end bell covers, adjustable spark arrestors and tool rests for safety and convenience
- Rugged cast iron construction for stability



MODEL 291 6" ¼ HP

- A low cost bench grinder with good work ability. Locate several around the shop right where work is being done
- Light in weight, easily portable for use where needed
- Split phase induction motor provides necessary power for fast grinding, buffing and polishing
- Has adjustable tool rests, cast iron wheel guards, precision ground shaft, all ball bearing

MODEL 617 10" 1 HP

- For continuous heavy-duty use in factories, foundries, garages and maintenance shops
- Has lubricated-for-life, double sealed ball bearings for smooth maintenance-free performance
- Capacitor start, induction run motor
- Adjustable, machined, U-shaped tool rests permit grinding on both sides and face of wheel
- Equipped with adjustable spark arrestors, removable wheel guards and end bell covers, integral dust chutes for attachment to dust pick-up equipment

MODEL 614 8" ½ HP (Not shown)

- Includes same features as Model 617 but with smaller operating capacity

MODEL 607 7" ½ HP (Not shown)

- Similar to and has all the features of Model 617 except limited to 7" wheels for smaller jobs

SPECIFICATIONS

switch: Enclosed toggle-type.
bearings: All ball bearing.
equipment, all models: One fine and one medium grit wheel; tool rests. End bell covers and adjustable spark arrestors, (except 291).

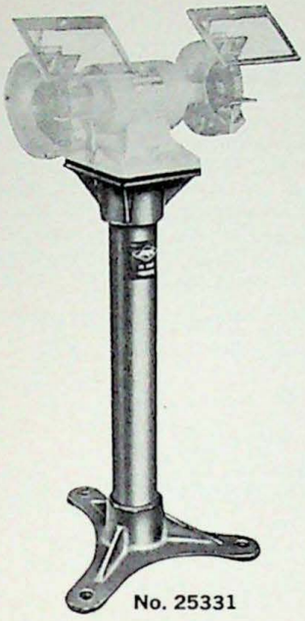
motors: All Models AC only 50-60 Hz. Model 287 split phase capacitor. Models 607, 614, 617 capacitor start, induction run. Model 291 split-phase induction.

model /item code no.	HP	wheel size, inches	no-load speed RPM	arbor size, inches	distance between wheels	clearance to motor housing	base dimensions, inches	amp rating	AC voltages, 1-phase	AC voltages, 3-phase	net wt., lbs.	shpg. wt., lbs.
291	¼	6 x ⅝	3450	½	9⅜"	⅝"	5 x 5¾	3.4	115	—	28	31
287 287-92	⅓	6 x ¾	3450	½	12½"	⅝"	6½ x 7¼	4.0 2.0	115 220	— —	38	44
607 607-92 607-94	½	7 x 1	3450	⅝	15⅛"	¼"	8 x 9	6.8 3.4 —	115 220 —	— — 208/220/440†	60	72
614 614-92 614-94	½	8 x 1	3450	⅝	15⅛"	¾"	8 x 9	6.8 3.4 —	115 220 —	— — 208/220/440†	70	82
617 617-94 617-98	1	10 x 1	1725	¾	17⅛"	1½"	9 x 11	12/6 — —	115/230† — —	— 208/220/440† 550	102	122

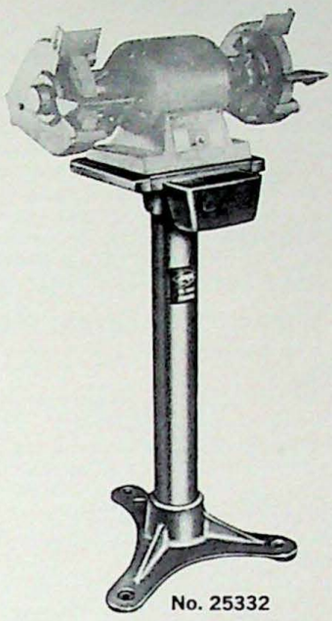
†Reconnectable for any voltage listed. THESE MODELS DO NOT INCLUDE CORD OR SWITCH.
State Model No., Voltage and Phase when ordering. Standard 115-volt single phase will be shipped unless otherwise specified.

For Accessories, See Opposite Page

SKIL BENCH GRINDER ACCESSORIES



No. 25331



No. 25332

GRINDER PEDESTALS

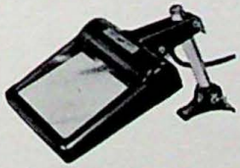
Heavy duty cast iron. Three-leg base provides firm support on level or uneven floors; pre-drilled holes in base make permanent installations easy. If desired, column may be cut to reduce overall height. Openings in top for fast installation of Skil Grinders or most other makes. Top may also be drilled to accommodate other light machinery. No. 25332 includes water pot.

part/item code no.	height, inches	top, inches	net wgt. lbs.	ship. wgt. lbs.	for Skil models
25331	33	6½ x 8	33	41	291, 287
25332	33	9 x 11	46	54	607, 614, 617

EYESHIELDS

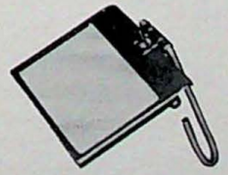
Give eye protection and work visibility. Easily adjustable, metal framed shatterproof glass. Order two for each grinder.

No. 5156 — Illuminated Eyeshield (115V) for Models 287 type 1, 607, 614 and 617. Has cord leads for internal connection.



No. 43236—Eyeshield for Models 291, 287 type 3.

No. 11599—Eyeshield for Models 287 type 1 & 2, 607, 614 and 617.



No. 43237— Light Attachment (115 volt) for Models 291, 287 type 3. Use with 43236 eyeshield.

No. 11597—Replacement safety glass for 11599.

COTTON BUFFING WHEEL

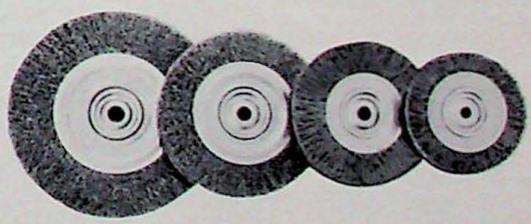
No. 43681—6" x ⅝" thick with ½" mounting hole. For use with 6" Grinders. For all buffing and polishing jobs.

GRINDING WHEELS — for Bench Grinders

Top quality Aluminum Oxide replacement grinding wheels for SKIL Bench Grinders. Balanced construction assures smooth performance. No. 23115 is Silicon Carbide for sharpening carbide hammer bits and other carbide tools.

part/item code no.	diameter x width, inches	arbor size, inches	grit	max. safe operating RPM	for model
43232	6 x ⅝	½	36	4140	291, 287
43233	6 x ⅝	½	60	4140	291, 287
10764	6 x ¾	½	36	4140	287
10794	6 x ¾	½	60	4140	287
23115	6 x ¾	½	100	4456	287
12254	7 x 1	⅝	36	3600	607
12255	7 x 1	⅝	60	3600	607
12252	8 x 1	⅝	36	3820	614
12253	8 x 1	⅝	60	3820	614
21079	10 x 1	¾	36	2480	617
21080	10 x 1	¾	60	2480	617

NOTE: Before using any grinding wheel, be sure its safe operating speed (shown on wheel blotter) is not exceeded by the free speed of the tool (shown on nameplate). Use only on tools with proper safety guards.

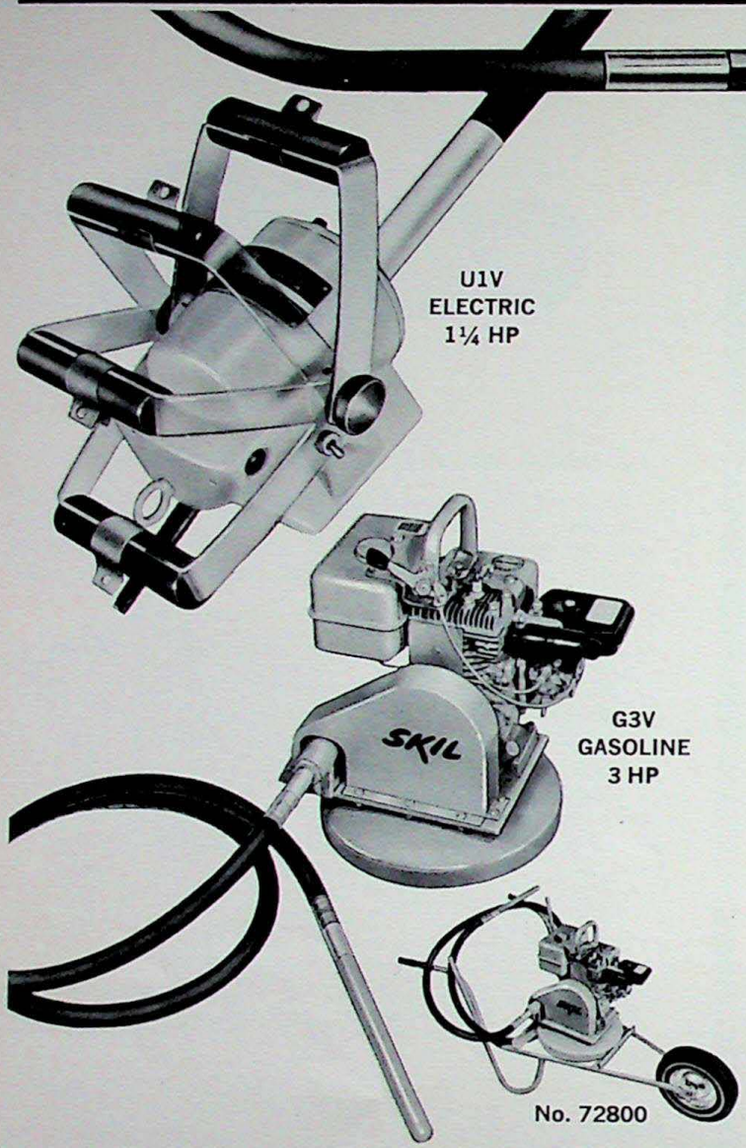


WIRE WHEEL BRUSHES — for Portable or Bench Grinders

Heavy duty wire wheel brushes ideally suited for removing paint, scale, rust, stains, cleaning, deburring and finishing metals. All wheels have dual arbor.

part/item code no.	diameter, inches	arbor size, inches	face width, inches	wire size, inches
21033	4	½-⅝	⅞	.014
43234	6	½-⅝	13/16	.012
21034	6	½-⅝	13/16	.0104
21035	6	½-⅝	13/16	.014
21036	7	½-⅝	⅞	.0104
21037	7	½-⅝	⅞	.014
21038	8	½-⅝	1¼	.020
21039	8	½-⅝	1¼	.014

SKIL CONCRETE VIBRATORS



Skil's electric and gasoline Flexible Shaft Concrete Vibrators can handle all your concrete vibrating requirements including areas with tightly spaced reinforcing rods, encased beams, pre-stressed concrete and pre-cast concrete. They are rugged, heavy-duty tools constructed to give you powerful vibrating capacity yet are lightweight for easy portability and handling. Choose from a wide selection of electric and gasoline powered models to fit your specific needs. Flexible shafts and vibrator heads may be used interchangeably by both electric and gas units. Shafts are reversible, end to end, to equalize wear and lengthen life. Vibrator heads have four rugged ball bearings for extra life.

U1V SERIES — UNI-LECTRIC FLEXIBLE SHAFT VIBRATORS

- New, improved heavy-duty motor gives powerful vibrating capacity
- Won't slow down in low slump concrete
- Available in 5 head sizes of 1", 1¼", 1½", 1¾" and 2"
- Flexible shaft lengths of 18 inches, 5 feet or 10 feet (14 ft. shaft available on special order)
- Includes 18" heavy duty cord with special plug and receptacle to attach to power source
- "Swing Around" lift handle with four convenient operating positions
- "On-Off" switch recessed in motor housing to prevent accidental contact
- Shoulder strap for easy carrying

G3V SERIES — GASOLINE FLEXIBLE SHAFT VIBRATORS

- Powered by 3 HP, 4 cycle, Briggs & Stratton gasoline engine built directly into unit for complete portability
- Available in 5 head sizes of 1", 1¼", 1½", 1¾" and 2"
- Flexible shaft lengths of 10 feet or 14 feet
- Vibrator revolves completely around base — no need to reposition power unit
- Flexible shafts and vibrator heads are interchangeable with Skil's Uni-Lectric Flexible Shaft Vibrators shown above

NO. 72800 — WHEELBARROW

- For easy portability of gasoline powered vibrators
- Has rack for carrying head and shaft assembly
- Net wt. 28 lbs.
- Shipping wt. 33 lbs.

SPECIFICATIONS — U1V Uni-Lectric Vibrators

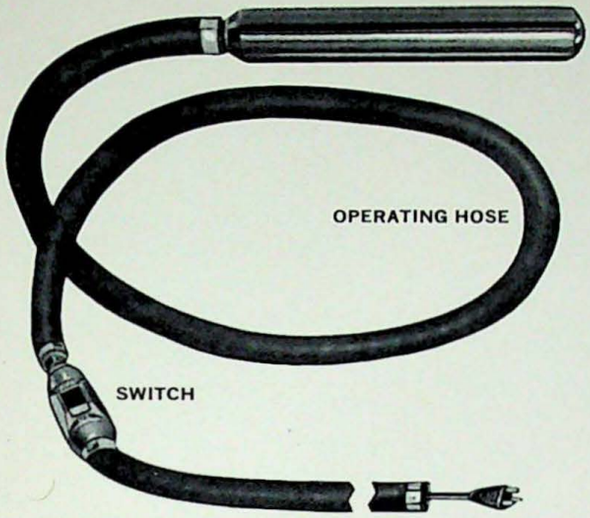
motors: DC-AC 50-60 Hz.			head size				
model 115V — 10 amp	model 230V — 5 amp	maximum VPM	diameter inches	length inches	flexible shaft length feet	net wt. lbs.	shpg. wt. lbs.
U1V-B18	U1V2-B18	12,000	1	12½	1½	17	20
U1V-B5	U1V2-B5				5	20	23
U1V-B10	U1V2-B10				10	24	27
U1V-C18	U1V2-C18	11,300	1¼	13⅜	1½	18	21
U1V-C5	U1V2-C5				5	21	24
U1V-C10	U1V2-C10				10	25	28
U1V-D18	U1V2-D18	10,500	1½	13⅝	1½	20	23
U1V-D5	U1V2-D5				5	23	26
U1V-D10	U1V2-D10				10	27	30
U1V-E18	U1V2-E18	10,000	1¾	14	1½	22	25
U1V-E5	U1V2-E5				5	25	28
U1V-E10	U1V2-E10				10	29	32
U1V-F18	U1V2-F18	10,000	2	14⅝	1½	23	26
U1V-F5	U1V2-F5				5	26	29
U1V-F10	U1V2-F10				10	30	33

SPECIFICATIONS — G3V Gasoline Vibrators

model no.	engine	speed VPM	head size		flexible shaft length feet	net wt. lbs.	shpg. wt. lbs.
			diameter inches	length inches			
G3V-B10	3 HP Briggs & Stratton 4 cycle	5,800-11,000	1	12½	10	69	74
G3V-B14					14	71	76
G3V-C10			1¼	13⅜	10	70	75
G3V-C14					14	74	79
G3V-D10			1½	13⅝	10	72	76
G3V-D14					14	76	81
G3V-E10			1¾	14	10	74	79
G3V-E14					14	78	83
G3V-F10			2	14⅝	10	75	80
G3V-F14					14	79	84

For Accessories, See Opposite Page

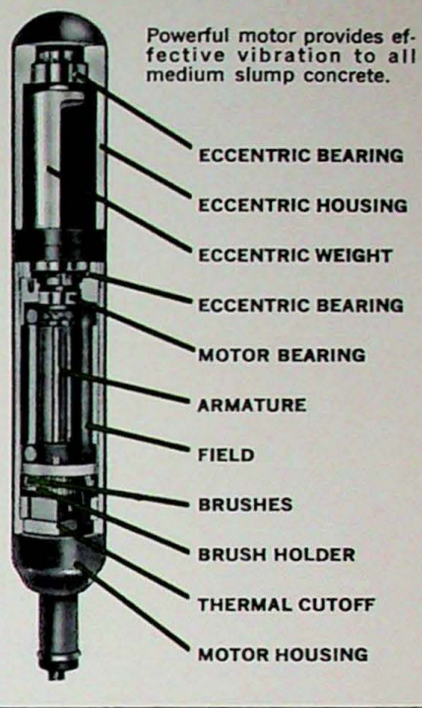
SKIL CONCRETE VIBRATORS



UMV-H Motor-In-Head Vibrator

Motor in head design for light to medium duty use. Low maintenance. Ideal for floor slabs, footers, curbs and gutters, thin-walls, culverts, driveways, porches. Also for small pours on alterations, remodeling and repairs.

- Lightweight for easiest maneuverability
- Generates powerful, low amplitude vibration to produce strong, high quality concrete at low cost
- Automatic thermal cut-off protects motor from overheating
- Rounded tip of vibrator head makes it impossible to gouge or mar wood frames
- Additional operating hose lengths available



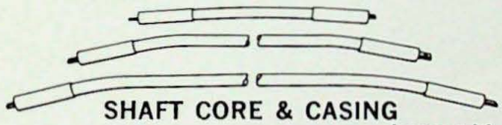
SPECIFICATIONS

motor: Universal 115 V AC 50-60 Hz only.
bearings: Four heavy duty ball.

model	maximum speed VPM	head size diameter inches	head size length inches	operating hose diameter inches	operating hose length feet	net wt. lbs.	shpg. wt. lbs.
UMV-H10	10,000	2⅜	14	1 39/64	10	41	44

Note: Additional lengths operating hose available in 5 foot increments. Standard 10 foot length will be furnished unless otherwise specified.
See No. 72805 (115 volt) in pricing schedule for additional cost per foot.

SKIL CONCRETE VIBRATOR ACCESSORIES



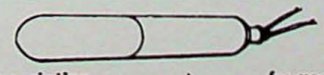
SHAFT CORE & CASING

part/item code no.	description	for use with Uni-lectric or Gasoline Vibrator Models
65642	18 In. Shaft Core & Casing	1" Vibrator Head
65586	Core only	
65580	Casing only	
65644	5 Ft. Shaft Core & Casing	
65588	Core only	
65582	Casing only	
65646	10 Ft. Shaft Core & Casing	
65590	Core only	
65584	Casing only	
65647	14 Ft. Shaft, Core & Casing	
65591	Core only	
65585	Casing only	
65592	18 In. Shaft Core & Casing	1¼", 1½", 1¾", 2" Vibrator Heads
65586	Core only	
65551	Casing only	
65594	5 Ft. Shaft Core & Casing	
65588	Core only	
66266	Casing only	
65596	10 Ft. Shaft Core & Casing	
65590	Core only	
66268	Casing only	
65597	14 Ft. Shaft, Core & Casing	
65591	Core only	
66269	Casing only	

SHAFT COUPLER

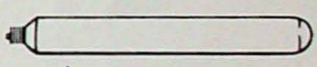
part/item code no.	description	for use with shaft, core & casing
69303	Shaft Coupler	65642, 65644 65646, 65649
69177		65592, 65594, 65596, 65597

HEAD & MOTOR



part/item code no.	description	for use with
65520	Head & Motor 2⅜" x 14"	UMV-H motor in head vibrators

FLEXIBLE SHAFT HEAD



part/item code no.	description	for use with
67256	Flexible Shaft Head Only 1" x 12½"	U1V-B18, U1V-B5, U1V-B10, G3V-B10, G3V-B14 for shaft Nos. 65642, 65644, 65646, 65647
67250	Flexible Shaft Head Only 1¼" x 13⅜"	All U1V & G3V Series Vibrators for shaft Nos. 65592, 65594, 65596, 65597
66870	Flexible Shaft Head Only 1½" x 13⅜"	
66877	Flexible Shaft Head Only 1¾" x 14"	
72803	Flexible Shaft Head Only 2" x 14⅜"	

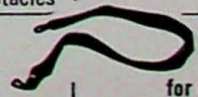
FLEXIBLE SHAFT MOTOR

part/item code no.	description	for use with
65600	115V	1" flexible shaft vibrator
65601	230V	
65602	115V	1¼", 1½", 1¾", 2" flexible shaft vibrator
65603	230V	

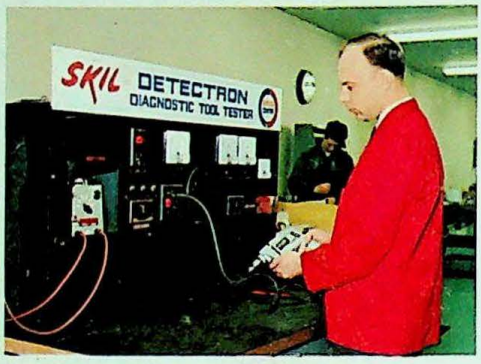
EXTENSION CORD

part/item code no.	description	for use with
67911	25 Ft., 14 Ga., 3 Cond. with special receptacles	U1V Flexible Shaft Vibrators. Special water and wear resistant construction.
67912	50 Ft., 14 Ga., 3 Cond. with special receptacles	

SHOULDER STRAP



part/item code no.	description	for use with
65640	Canvas Strap	U1V Flexible Shaft Vibrators



SKIL "DETECTRON" TAKES THE GUESSWORK OUT OF TOOL REPAIR

Each of Skil's modern Factory Service Centers is equipped with our new "DETECTRON" Electronic Tool Tester to insure the ultimate in guaranteed power tool repair service. Before repair work begins, each tool's entire electrical system — armature, field, switch and cord is analyzed electronically for defects. In addition, a built-in Variac helps locate potential mechanical component failure. A highly trained Skil technician using the latest factory approved repair methods and genuine Skil parts will make all repairs promptly, efficiently and economically. After repairs are made, the tool is again analyzed on the "DETECTRON" to insure proper operating efficiency. Tools are back on the job sooner . . . and repair charges are kept lower.

MANAGER TRAINING — Skil continually trains its Service Center managers to keep them informed of the latest repair methods.

SERVICE CENTER

NOW 57 SKIL FACTORY SERVICE CENTERS

ALABAMA,	Birmingham 35203, 806 N. Fifth Ave.	FAirfax 2-6202 (205)
ARIZONA,	Phoenix 85016, 3604 N. 16th St.	264-9673 (602)
ARKANSAS,	Little Rock 72201, 1303 W. Markham	FRanklin 4-1911 (501)
CALIFORNIA,	Brisbane 94005, 3868 Bayshore Blvd.	467-5250 (415)
	Los Angeles 90022, 5455 E. Washington Blvd.	OVerbrook 5-6760 (213)
	North Hollywood 91605, 13237 Saticoy St.	POplar 5-5782 (213)
	Oakland 94607, 425 Jackson St.	444-1559 (415)
	Sacramento 95818, 2100—19th St.	446-4019 (916)
	Santa Ana 92705, 1640 E. Edinger St.	542-4280 (714)
	Santa Clara 95050, 2130 De LaCruz Blvd.	243-9444 (408)
	San Diego 92110, 1231 Morena Blvd.	276-3550 (714)
COLORADO,	Denver 80204, 678 Bryant St.	623-2939 (303)
CONNECTICUT,	Hartford 06114, 80 Meadow St.	246-6224 (203)
DISTRICT OF COLUMBIA,	Washington 20018, 3415—18th St., N.E.	526-6340 (202)
FLORIDA,	Jacksonville 32207, 1628 Hendricks Ave.	398-0728 (904)
	Miami 33147, 2745 N.W. 75th St.	OX 6-3721 (305)
	Tampa 33607, 5135 W. Cypress St.	872-0271 (813)
GEORGIA,	Atlanta 30325, 1391 Chattahoochee Ave., N.W.	355-2860 (404)
HAWAII,	Honolulu 96819, 3069 Ualena St.	870-788 (808)
ILLINOIS,	Lincolnwood 60645, 6434 N. Ridgeway Ave.	583-5533 (312)
	Chicago 60606, 552 W. Washington Blvd.	726-5198 (312)
	Chicago 60652, 3259 W. Columbus Ave.	HEmlock 6-1555 (312)
	Northlake 60164, 332 E. North Ave.	562-1022 (312)
INDIANA,	Indianapolis 46227, 3304 Madison Ave.	787-8297 (317)
IOWA,	Des Moines 50317, 2430 Hubbell Ave.	AMherst 5-3275 (515)
KENTUCKY,	Louisville 40217, 315 E. Bloom St.	637-4476 (502)
LOUISIANA,	New Orleans 70115, 3501 Tchoupitoulas St.	899-8309 (504)
MARYLAND,	Baltimore 21218, 2905 Greenmount Ave.	243-1146 (301)
MASSACHUSETTS,	Boston (Brighton) 02135, 119 No. Beacon St.	ALgonquin 4-4560 (617)
MICHIGAN,	Detroit 48219, 19125 W. McNichols Rd.	535-1919 (313)
	Grand Rapids 49509, 1324 Burton St., S.W.	452-5868 (616)
MINNESOTA,	Minneapolis 55404, 2539 Nicollet Avenue	827-4013 (612)
MISSOURI,	Kansas City 64108, 1710 Wyandotte St.	BAltimore 1-1766 (816)
	St. Louis 63110, 1238 S. Vandeventer Ave.	JEfferson 5-7424 (314)
NEBRASKA,	Omaha 68105, 2110 S. 37th St.	341-2733 (402)
NEW JERSEY,	Newark (Hillside) 07205, 611 U.S. Highway #22	686-6350 (201)
NEW YORK,	Buffalo 14212, 1800 Broadway	TX 5-1924 (716)
	New York, Huntington Station 11746, 673 E. Jericho Turnpike	423-2100 (516)
	New York 10013, 75 Varick St. (Manhattan)	CAnal 6-7630 (212)
	New York, Woodside, L.I., 11377, 53-24 Roosevelt Ave.	OL 1-9600 (212)
	Syracuse 13210, 1074 E. Fayette St.	GRanite 5-4454 (315)
NORTH CAROLINA,	Charlotte 28203, 1815 So. Tryon St.	FRankln 5-8429 (704)
OHIO,	Cincinnati 45229, 1245 Tennessee Ave.	242-0244 (513)
	Cleveland 44114, 3038 Payne Ave.	MAin 1-8136 (216)
OKLAHOMA,	Oklahoma City 73107, 606 N. Pennsylvania	CEntral 6-0170 (405)
OREGON,	Portland 97213, 5616 N.E. Glisan St.	BEImont 4-7418 (503)
PENNSYLVANIA,	Philadelphia 19124, 4210 Macalester Ave.	GLadstone 5-2506 (215)
	Pittsburgh 15201, 3221 Liberty Ave.	COurt 1-8457 (412)
TENNESSEE,	Memphis 38104, 558 So. Cooper St.	276-4578 (901)
TEXAS,	Dallas 75207, 2366 Irving Blvd.	MEIrose 7-2630 (214)
	Houston 77003, 324 No. Hutcheson St.	CApitol 4-9178 (713)
	San Antonio 78215, 612 McCullough Ave.	CApitol 4-6311 (512)
UTAH,	Salt Lake City 84115, 2457 So. Main St.	486-0368 (801)
VIRGINIA,	Norfolk 23513, 2438 Ingleside Rd.	853-9211 (703)
WASHINGTON,	Seattle (Queen Anne) 98119, 314 Second Ave., West	ATwater 4-4147 (206)
	Spokane 99202, East 2224 Riverside	KEystone 5-4754 (509)
WISCONSIN,	Milwaukee 53213, 6108 W. Bluemound Rd.	GLenview 3-1872 (414)

Yellow Pages

SKIL AUTHORIZED SERVICE STATIONS

See the phone book Yellow Pages under "Tools—Electric" for the exact location of the Skil Authorized Service Stations located throughout the United States.

ALABAMA: Montgomery
ALASKA: Anchorage; Fairbanks
ARIZONA: Tucson
CALIFORNIA: Bakersfield; Fresno; Ventura, Santa Barbara
DELAWARE: Wilmington
FLORIDA: Pensacola; Orlando
IDAHO: Boise
ILLINOIS: Peoria
INDIANA: Hammond
IOWA: Davenport
KANSAS: Wichita
LOUISIANA: West Monroe; Shreveport
MARYLAND: Hagerstown
MISSISSIPPI: Jackson
MONTANA: Great Falls
NEVADA: Las Vegas; Reno
NEW MEXICO: Albuquerque
NEW YORK: Schenectady
OHIO: Youngstown
OKLAHOMA: Tulsa
OREGON: Medford
PENNSYLVANIA: Erie; Bethlehem
TENNESSEE: Knoxville; Nashville
TEXAS: Lubbock; El Paso; Odessa; Amarillo; Harlingen; Corpus Christi
VIRGINIA: Roanoke; Richmond
WASHINGTON: Yakima
WEST VIRGINIA: Charleston; Huntington

SKIL Corporation

MAIN PLANT AND GENERAL OFFICES
5033 Elston Avenue • Chicago, Illinois 60630
Phone: Area code 312 AVenue 6-2000.

DISTRICT CENTERS
CENTRAL: 3500 Oakton St., Skokie, Ill. 60076. (312) 463-1335
WEST COAST: 1941 W. Ave. 140th, San Leandro, Calif. 94577 (415) 351-4441

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